

INTEC

COMPONENT WORLD

Hi-MD Recorder Deck

MD-133

USER MANUAL

ENGLISH



Thank you for your purchase Onkyo products. Please read this "manual" before use, please use it correctly. After you have read, please keep it in a safe place along with the guidance warranty, Onkyo's consultation window and repair window in a location where it can be seen at any time.

ONKYO

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MDLP

Hi-MD
AUDIO

Key Features / Accessories

Individual design that can be various combinations

- high-quality, Hi-MD response can be recorded for a long time
- (2 times / 4 times) that can support MDLP long time recording
- high-speed computing ATRAC TYPE-S DSP with Link
- Digital recording level autoconfiguration feature with DLA Link

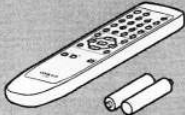
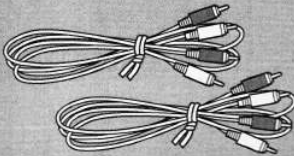
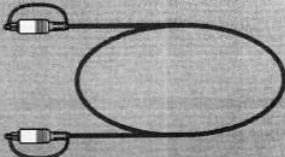
Vector Linear Shaping Circuit Lee

- VLSC to produce an analog signal from a pure digital signal (Vector Linear Shaping Circuitry) Circuit with
- Direct digital path circuit with which to reproduce the sound quality and sophisticated sound clear
- optical digital terminal 2 system equipment
- Gold-plated input and output terminal equipment
- aluminum front panel

Accessories

Please check that the following accessories have all before use.

The number in parentheses represents the quantity.

- | | | |
|---|---|---|
| ● Remote control RC-601.. (1)
AA Battery..... (2) | ● Audio RCA Cables (1m) (2) | ● TOC Optical Cable
Optical Cable (50cm) (1) |
|  |  |  |
| ● RI Remote Cable(60cm) (1) | ● Instruction Manual (this document)..... (1) | |
|  | ● Warranty Card..... (1) | |
| | ● Guidance of Onkyo consultation window repair window..... (1) | |

Alphabet at the end of the type name that is displayed in the box and packaging and catalog, is a symbol that represents a color of the product. The method of operation is the same regardless of color.

Let's protect the pleasant living environment. Respect your neighbours
Especially night time, please put your music volume down.



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Using correct way audio equipment

To safe use of audio equipment, please read carefully before use.

In order to use properly this product and to help you use the product safely and correctly, and to prevent damage to property or injury to you or other persons, this "manual" provide you Safety information . Symbols and their meanings do now and is as follows. Please read and ensure that you understand the contents



Warning

When you handle the device the wrong way, or if you ignore warning signs, could be assumed result in minor or content and danger of personal injury is assumed.



Warning Signs



Is drawn (Electrical Hazard The illustration on the left-hand side) Note specific content is shown in the circle.



⊘ prohibited action mark. Runs are shown (disassembly is prohibited if the figure on the left) prohibited action is shown in or around the circle.



● Symbol of obligatory action



(please disconnect the power plug in the case of the upper-left figure) giving details in or next to the illustration.

 **IMPORTANT**

Safety notice of correct usage audio equipment

- Please do not use it in the bathroom . This can cause a fire or electric shock .
- This unit is designed for indoor use only . Please be careful not to wet . Water enters the internal
- And , it could cause a fire or electric shock .
- Do not place containers of water
- a small metal objects container with liquid or vases , flower pots , cups , cosmetics , and chemicals on top of the projector
- Please do not put it . When it gets in , it could cause a fire or electric shock .
- Do not put a thing in
- insert anything metallic or flammable ventilation holes of this unit , and from the insertion opening of the mini- disc , drop
- Please not trapped when closing crowded said. This can cause a fire or electric shock . In households with young children
- Please note that .
- foreign matter and water when inside
- In the unlikely event that water or foreign matter gets inside of this unit , sales to unplug the power plug from the outlet immediately
- Please contact the shop .
- Do not touch the equipment If lightning begins
- If lightning begins to occur , please do not touch the power plug . Failure to do so may cause electric shock .
- You can damage the power cord , it is not processed
- Please request a replacement (exposure of the core , disconnection , etc.) to the store selling power cord becomes damaged . As it is
- This can cause a fire or electric shock to use.
- Do not place heavy objects on the power cord , do code in such a manner that does not become trapped under the machine
- Stomach. Damage to the power cord and cause a fire or electric shock . Be covered with a carpet on code
- Please be advised that by , oblivious to it , it would place a heavy object .
- Do not damage the power cord , or processing , and excessive bending, twisting , or pulling , heating
- Please do not use . Code is damaged , it could cause a fire or electric shock .
- Do not connect audio equipment other than a power outlet
- power outlet of this unit is an audio -only device . Please use the rating within it appears .
- Electric heating device, such as a hair dryer and electric kotatsu and equipment rated greater than or equal to the display , oven -les
- Please never connect the cookware such as Nji . This can cause a fire or electric shock .
- Do not use while it is dropped or damaged
- Should ● , and if you drop the machine by mistake , if it is the cabinet be damaged , do not accept
- Please Do not . This can cause a fire or electric shock . Unplug the power plug from the outlet , sale always
- Please consult your store .
- Do not charge the battery
- Please do not charge batteries . The leak or rupture of the battery , you may cause fire , injury

Notes on Installation

- where you wobble or base or lack of strength , was tilting , on top of the thick carpet , the unstable Please do not put in place . You may want to fall or tip over , causing injury .
- Please do not move from carrying other audio equipment on top of the machine . It may fall or tip over , only It may cause moth .
- Do not place anything like large protrude from the outer frame and heavy of 10kg or more on top of the machine Stomach. You may want to drop or fall off balance , causing injury .
 - Do not put in place , such as:
- Please do not place the oily smoke or steam such as near a humidifier cooking range or touches . Fire , cans Doing so may cause electric .
- Please do not put it in a humid or dusty place . It may cause a fire or electric shock .
- For connection
- If you want to connect to devices such as TV and other audio equipment to this unit , **handling theory** of equipment of each Read the certificate , turn off the power switch , please connect them according to the description . The connection specified Please use the code . If you can extend the code you can use the code other than those specified , the calling You may want to heat , can cause burns .
- Usage Notes
- If you do not feel like taking the machine , please do not hang . Please note that for children in particular . Fall It may or , causing breakage , causing injury .
- Please do not look into the laser light source . Fox blurred vision laser light hits the eye There is a door .
- Please note that children do not put your hands on mini disc insertion slot . Fox cause of injury There is a door .
- Please do not use discs that have been repaired with adhesive cracks , or deformation , . Disk Because it rotates at a high speed equipment inside , which could cause injury is scattered .
- Note: Power cords, power plug
- Please do not bring it close to a heater power cord . Cord coating to melt, and cause fire or electric shock May become .
- Please do not connect or disconnect the power plug with wet hands . Doing so may cause electric shock .
- When disconnecting the power plug , please do not pull the power cord . Damaged cables , fire - Doing so may cause electric shock . Please you pull the plug.
- power cord - please do not use it in a bundled state soil . It generates heat , causing a fire or there To .
- When a long period of time , is not to be used for the machine , such as travel , cross-talk the power plug for safety Please pull from a remote . It may cause a fire .
- Unplug the power plug from the outlet , If you want to move , such as the connection of external code between devices Please go after and remove the connecting cord . Is that the code may be damaged , which could result in a fire or electric shock There .
- About the battery
- If you want to insert the battery in the remote control , polarity display - be aware of the (positive and negative direction of +) , display Please put on the street . Battery rupture or leak, to fire, injury or stains around them If you make a mistake It may cause that .
- Please do not use batteries other than those specified . Also, Do not mix old and new batteries Please out. That the rupture of the battery , causing the pollution of surrounding fire , and injury leak While there To .
- the battery , you can not heat or disassemble , please do not put them in fire or water. Rupture of the battery , leak By , it may cause fire and injury .

Inspection and cleaning

- When cleaning, please go to unplug the power plug from the outlet for safety. Original electric shock

May become a factor.

- Depending on the environment, but it is recommended to clean the equipment inside of once every two years. Sale of nearest

Please consult your store.

So could result in fire or other damage while dust has collected inside the machine, if you do not clean for a long time

There. If you perform in front of the seasons of high humidity in particular, it is more effective. In addition, cleaning, inspection costs

Please contact your dealer also for such.

- now can cause a spontaneous combustion (tracking phenomenon) dust collects on the power plug is known

To. A few times a year, please remove dust plug on a regular basis. Rainy season before it is effective.

- Please do not apply to the unit thinner, the spray insecticide or alcohol. Paint change or bald

You may want to form.

- If you soak the cloth in mild solution of mild detergent, wiped off and wring it out, dirt on the surface, with a dry cloth

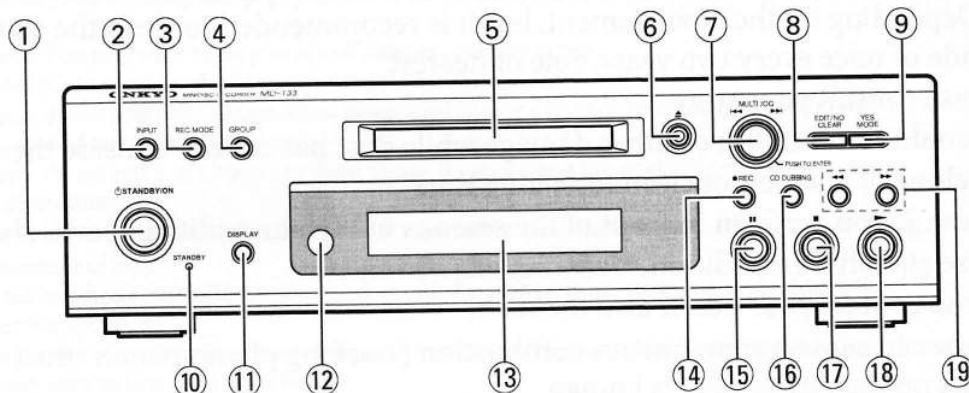
Please wipe.

If you want to use your or chemical-impregnated wiping cloths, please read and notes attached to it.

Display and remote control buttons

Front Panel

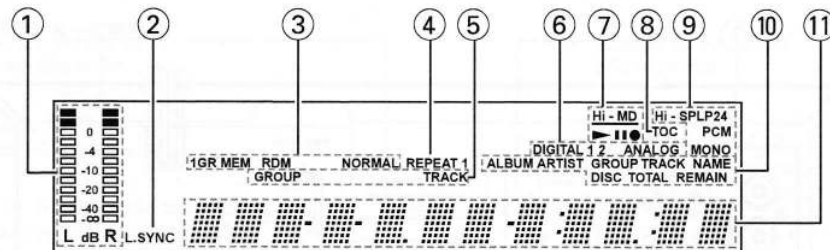
[] Main Description



- ① **STANDBY/ON** [17]
standby / power on button
- ② **INPUT** [28, 30]
change the input signal.
- ③ **REC MODE** Button [25]
Select a favorite mode from the recording mode to record setting
- ④ **GROUP** button [37]
Group Play selection
- ⑤ **MD slot** [17]
insert the MD.
- ⑥ **▲MD out** [18]
Eject MD Button.
- ⑦ **◀MULTI JOG▶** マルチ ジョグ ボタン [19, 48]
jump back and forth the track number currently playing.
You can choose a song and turn in a stopped state. It will play a song that is selected by press.
Or choose the type of editing, to select the type of characters in the name input. To confirm each setting and press.
EDIT/NO/CLEAR ボタン [26, 35, 48] 録
choose the contents of each editing operation and the settings, such as sound and playback. Press when you want to cancel the content displayed during setting.
- ⑧ **YES/MODE** [20, 21]
Press when deciding exactly as it appears in each editing operation and the settings, such as recording and playback.
In addition, the Press to a random play and memory play.
- ⑨ **STANDBY** Indicator [16]
This unit will light when the standby state.
- ⑩ **DISPLAY** panel [23, 48]
Changes the information on the display unit.
Name input, I can choose the type of character.
- ⑪ **Remote Receiver** [13]
receive the signal from the remote control.
- ⑫ **Display**
Please see the next page.
- ⑬ **REC** Button [28, 30]
Analog recording / digital recording, recording standby, Pause
- ⑭ **II** button [18]
pause Press during playback, press it again to return to playback mode
- ⑮ **CD DUBBING** ボタン [26, 27]
start the CD dubbing for INTEC275 series connected amplifier, a CD player
- ⑯ **■Stop** [18]
Stop Button to stop playback mode
- ⑰ **▶** button [17]
Playback mode / play button
- ⑱ **◀▶** buttons [20, 48]
Rewind back and forth a song playing and / fast forward. Name input, also used to move the cursor.

Display and remote control buttons

Display



① Level indicator (28)

display the audio level. Level Sync

② L.SYNC Display (33)

light goes on when the level sync function is working.

③ Playback mode display (20, 21, 38)

1GR : light one group playback.

メモリー

MEM : The point when the memory playback is set Lights.

ランダム

RDM : light goes on during random play.

NORMAL : light up during normal playback.

リピート

④ REPEAT 1 Display (22)

one track repeat playback.

REPEAT : track repeat playback.

リピート

REPEAT 1 : light one when one track repeat playback.

⑤ GROUP/TRACK indication

GROUP : The point when the number of groups is displayed

トラック

TRACK : The point when the track number is displayed

⑥ Input signal display (28, 30)

INPUT Input you have selected will lights up.

⑦ Operation mode display (25)

Shows the mode of operation of the unit.

MD Minidisc Mode

Hi-MD Hi-MD Operation Mode

⑧ TOC Display (53)

It flashes and lights up when you write information such as recording and editing, to MD.

⑨ Record modes (24, 25)

Mode for playback and recording.

During recording, the mode that is selected in the REC MODE button

⑩ MD Information display

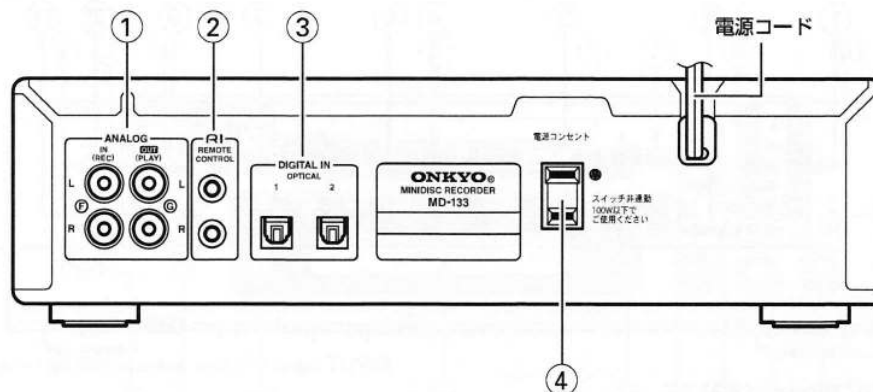
⑪ Items that are displayed in the multi-purpose display of lights.

⑪ Multipurpose display unit

display shows information such as the name and playback time.

Display and remote control buttons

Rear panel



① アナログ イン アウト ANALOG IN/OUT端子

These RCA inputs /outputs are provided for the analog voice.
Use the audio RCA cables provided to connect an amplifier.

② リモート コントロール REMOTE CONTROL

R This is the terminal that is connected to the terminal with Onkyo products, and work together.
R It does not work the only connection of the cable.
Please connect correctly audio pin code.

③ Digital optical in DIGITAL IN OPTICAL 1/2 TOC

This an optical digital input terminal. You can Connect CD player with digital output terminal, DVD player, and so on BS tuner by the optical digital audio cable supplied with the connection.

PLEASE NOTE

Only 32kHz, 44.1kHz, you can record on this unit, the sampling frequency is 48kHz linear PCM signal. By verifying the setting of the digital output of the device to be connected, Please change the settings if necessary. For CD recorder or CD player, this option no need to be set.

④ Power outlets

power plug of the equipment to be connected to the unit.

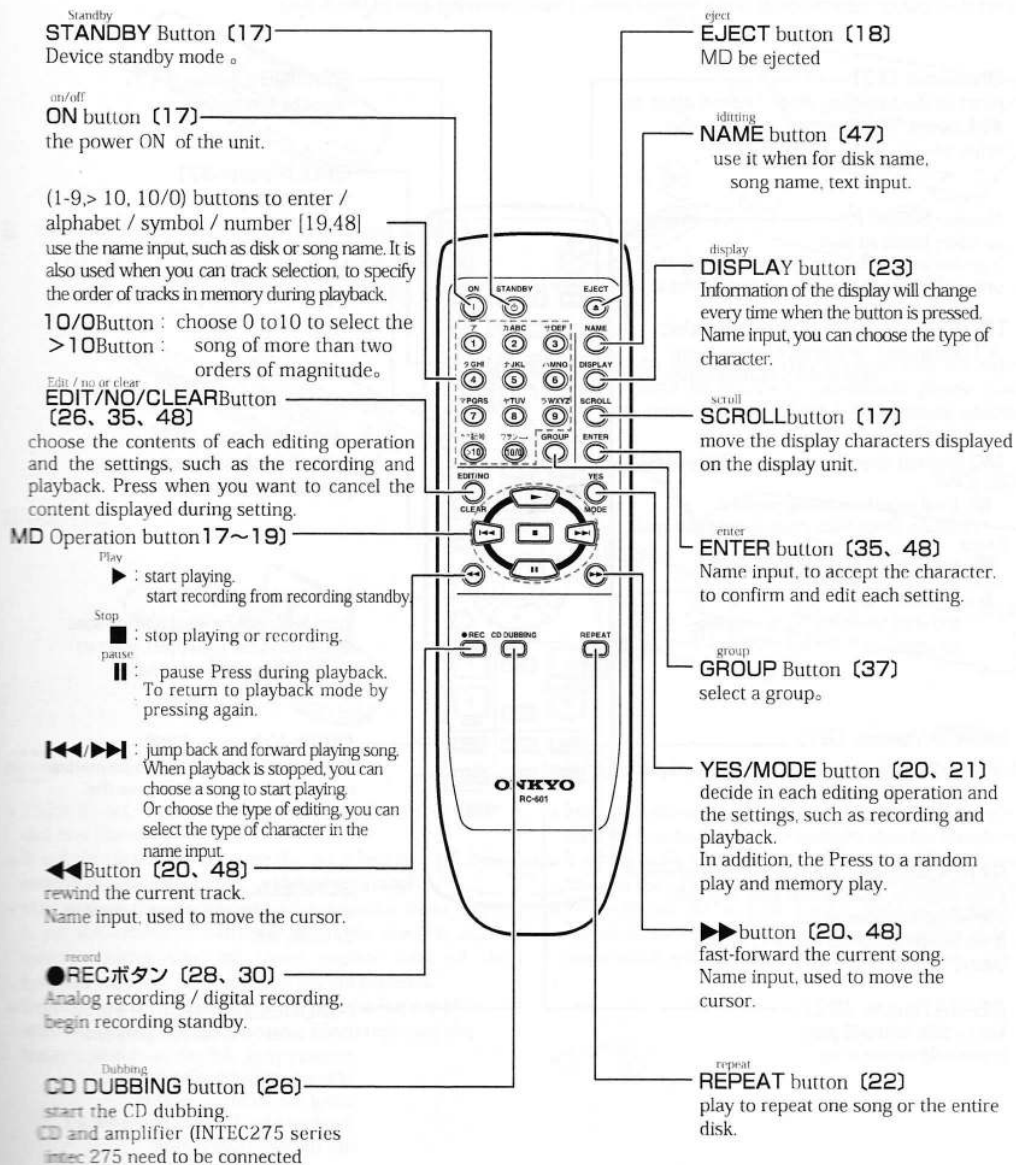
Please note

The power outlet of the unit. Do not connect the equipment to a total of more than 100W.
When connecting in series INTEC275, please refer to the instruction manual of the amplifier.

For connection, refer to page 15 and 16.

Display and remote control buttons

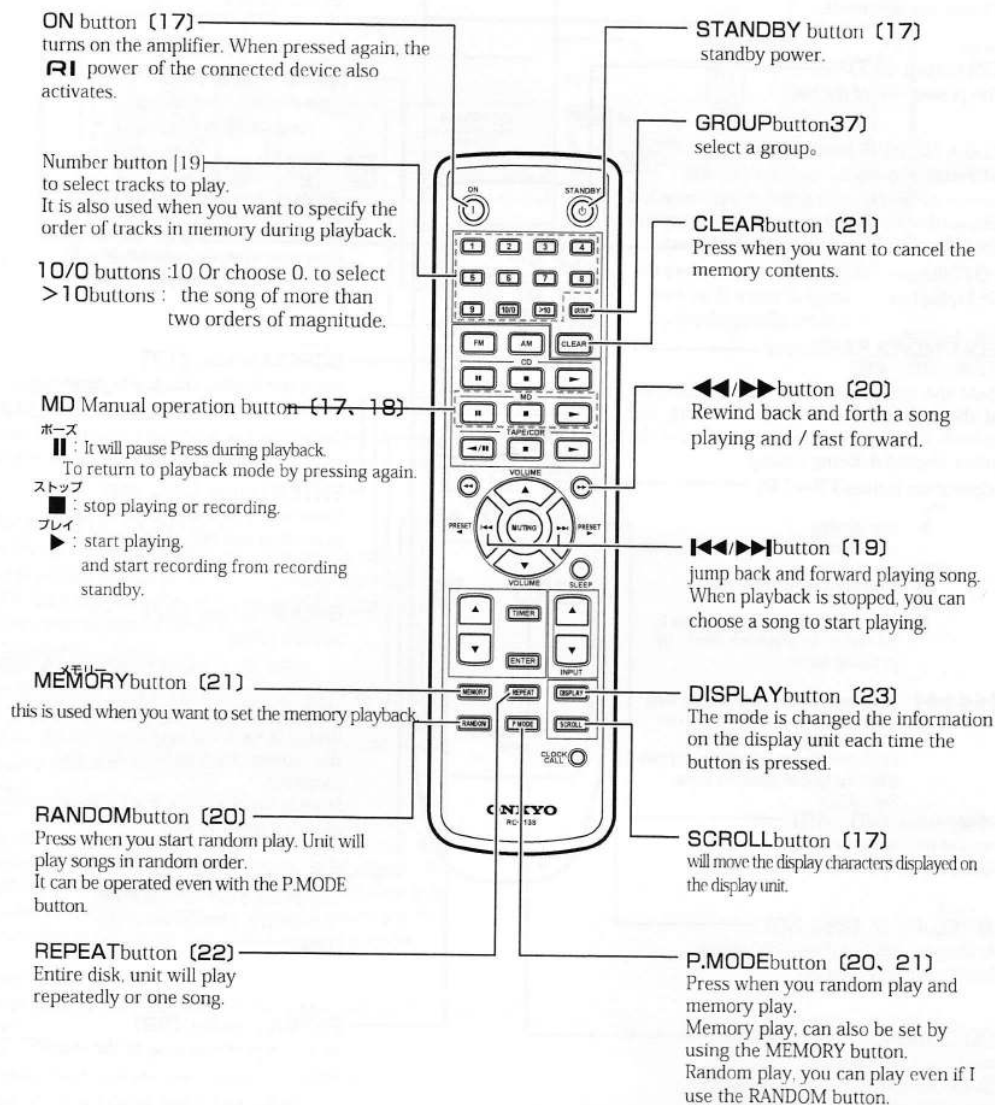
remote control supplied with the unit (RC-601)



Display and remote control buttons

remote control that comes with the A-933 (amp) of INTEC275 series (RC-613S)

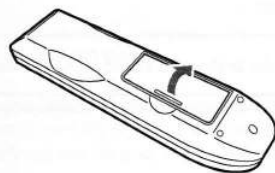
You can operate the remote control that comes with (RC-613S) to A-933 (amp) of INTEC275 series. Please operate the remote control towards the remote control light-receiving area of the A-933.



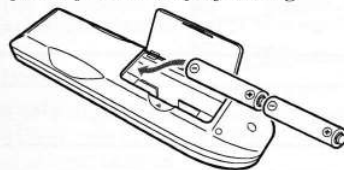
prepare the remote control

to insert batteries

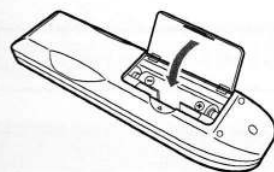
1. lift in the direction of the arrow cover



2. do not misspell the - plus and minus $\pm$ the two batteries provided in accordance with the polarity of the display during



3. open lid

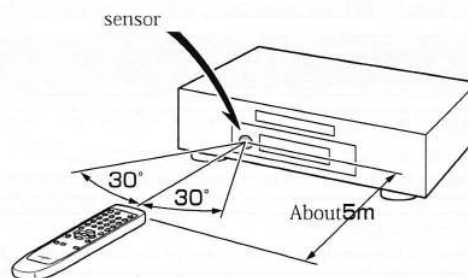


important

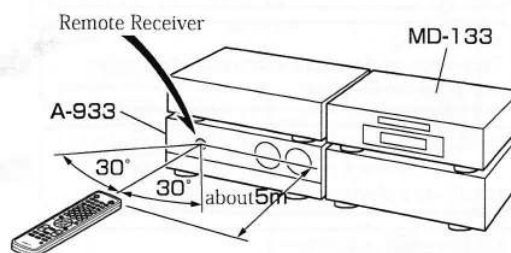
- Please do not mix and different types of batteries, or old and new batteries.
- If remote controller not in use for a long time, please remove the batteries to prevent battery leakage.
- May damage the remote control by corrosion when I leave it put the exhausted batteries. When the reaction of the remote control worsens, please replace both of the batteries with new book and take out old batteries.
- Depending on the frequency of use, but the battery life with this camera about six months. When replacing the battery, please use the AA.

Using the remote control

Please operate towards the remote control sensor on the unit.



A-933 When you operate the machine with the supplied remote control (RC-613S) to (amplifier), please towards the remote control sensor of the A-933 remote control.



important

- May not work correctly when hit directly a strong light, such as inverter fluorescent light or sunlight onto the remote receiver.
- It may cause a malfunction or using the unit near equipment that uses infrared rays, the remote control used in combination with other.
- Please do not put such as a book, anything on top of the remote control. Doing so may cause the buttons to be held down which will cause the batteries to run down.

to make connection

The system function

When you connect cables, the audio **RI** pin code in combination INTEC275 series, you can use the following system features. The cable is **RI** a system cable operation of Onkyo that comes with the unit.

How to connect system
(Connection of INTEC275 series)



Refer to the instruction manual of the amplifier.

Auto power on

When you turn on the machine, the power amplifier turns on automatically. Also, when you do not use this machine, you can this machine only turn off the power.

Direct Change

Input of the amplifier is switched to the MD automatically when you play the machine.

Remote control

It is possible to operate the remote control unit supplied with the amplifier.



Please refer to the instruction manual of the amplifier

Timer operation

Timer playback in tuner, timer recording will be.



Refer to the instruction manual of the tuner

CD Dubbing

This function allows one-touch recording to the unit from the CD player.



Refer to this manual page 25 for more information.

Track designation CD dubbing

You can one-touch recording to the unit by specifying a playback track and CD.



Please read this manual on page 27 for more info

Synchronized recording

Recording starts automatically only playback on the CD player if unit is in record-ready mode



Please read this manual on page 31 for more info

Synchronized recording from the tape deck

Recording starts automatically only play operation of the tape deck if unit is in record-ready mode



Please read this manual on page 32 for more info

DLA* LINK Function

By the peak search data on the CD player, the unit will automatically set the digital recording level.



Please read this manual on page 26 for more info

- Each function does not work when the connection is not correct. Please connect properly audio **RI** pin code, the cable with reference to page 15.
- For the system function, please also refer to the instruction manual of each device.
- There is a feature that does not work in combination with earlier series INTEC275 some products. For information, please contact the Customer Center.

to make a connection

Before connecting the equipment

- Please read instruction manuals of the equipment
-

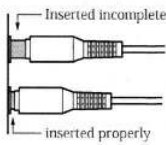
to connect audio pin code.

- Input pins (display of R) right channel the red connector, Please connect to (display of L) left channel white connector.



Please insert all the way

- firmly plug in the code. When the connection is incomplete, it may cause malfunction or noise.



- Audio pin code power

Speaker code and source code

Please do not bundle with. It may sound as poor quality

The optical digital input terminal

The optical digital input jack on this unit, there is a door of dust-proof. Please insert an optical digital cable in the manner as it is.

important Optical digital cable, sure to disconnect straight When you connect or disconnect the diagonal, you may door may be damaged.

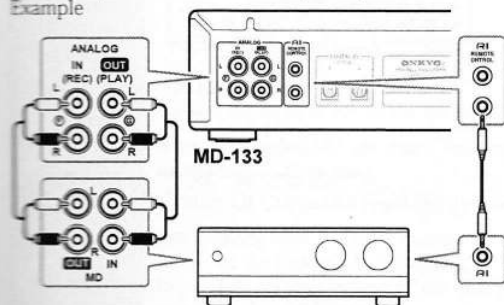
connect to the amplifier

connect the analog アナログ アウト audio input terminal of the amplifier and ANALOG OUT terminal G of the unit.

Analog audio output terminal of the amplifier and ANALOG IN terminal F of this unit

When using the system function in combination with Onkyo products with terminal, please connect the terminal of the amplifier and a terminal of this unit the cable supplied.

Onkyo amplifier connection with (A-933):
Example



• For the system function, please also refer to the instruction manual of each device.

- **RI** Only connection of the terminal does not work as a system. Please connect correctly audio pin code.

The connection with the INTEC275 series, refer to the instruction manual of the A-933 (amplifier).

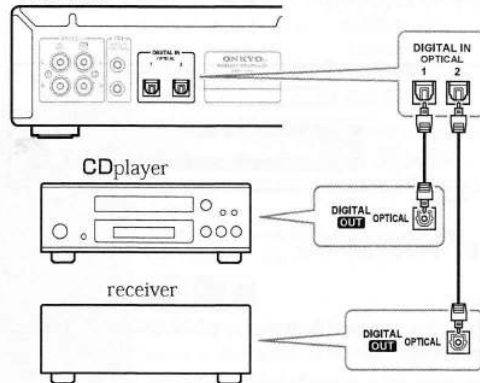
digital connection and playback equipment and amplifier

connecting the playback device with a digital audio output terminal

デジタル イン オプティカル
Of playback equipment and amplifier DIGITAL IN OPTICAL jack on this unit
connection the digital audio output terminal.

When using the system function in NTEC275 series, please connect to one terminal DIGITAL IN OPTICAL CD players.

MD-133

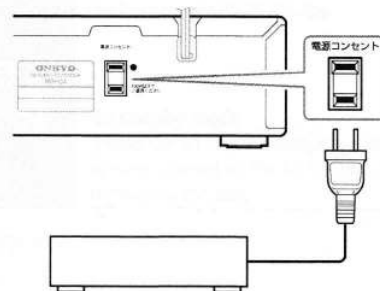


connect other unit to power plug

Because there is a power outlet in the rear panel, you can connect the power plug of the product to be used in combination. We are always energized power outlet of the unit (non-exercise). Management of polarity has been the power outlet of the unit. If there is a mark on the power cord or plug in another device, please according to the W side of the power supply outlet of the unit mark side. If there is no mark on the power cord other machine, it does not matter when you connect either.

important

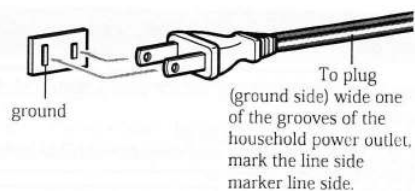
100VOLT Output, no more than 100Watt must be



Power

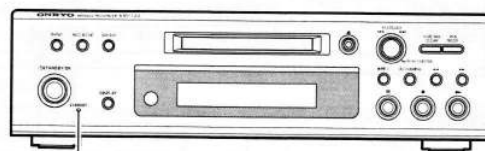
to connect the power cord

Plug in the AC power cord.



IMPORTANT

This is Japanese 100Volt operation unit . Make sure you use Your country - to 100 Volt Transformer .
Example Europe 230Volt to 100 Volt 30 Watt minimum
USA/Can 117 Volt - to 100 Volt 30 Watt minimum



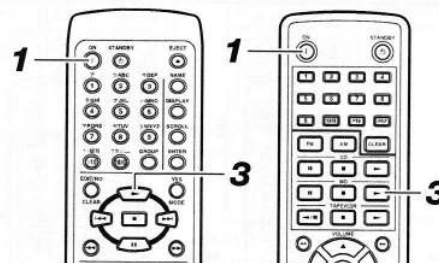
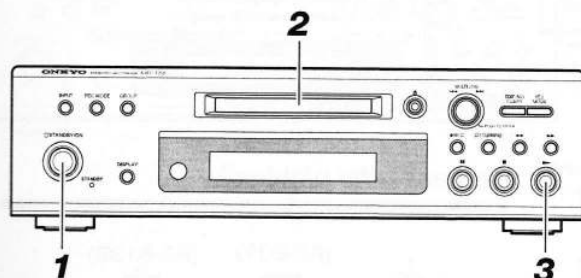
Standby
When you connect the power cord, STANDBY indicator of the unit will light.

Listed MD audio files

system operation

instructions in combination with INTEC275 series.

first track listening (normal playback)



Supplied with device
Remote
(RC-601)

A-933 with
(amplifier)
included remote
control (RC-613S)

1



Display



remote
(RC-601)

remote
(RC-613S)

turn on the power

スタンバイ オン
Li or STANDBY / ON button

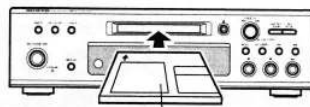
press iON button on the remote controller.

STANDBY indicator turns off

The remote control (RC-613S), power
amplifier enters Press once, the power
of the machine enters Press again.

2

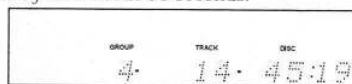
insert MD disc



On the label side
-insert in the direction of the arrow

when you loaded MD unit start "Reading"
its appears TOC reading
リーディング
テーブル オフ コンテンツ
(Table Of Contents reading information)

total playing time and total number of
tracks on the disk will be displayed.
Depending on the contents of the disc, it
may take about 60 seconds.



No of groups * Total No of tracks .Total playing
time

* When you have a group recorded

If you place a disk where nothing is recorded,
will show "Blank Disc" on the display unit.

important

When the unit is in standby mode, you
can't insert a disc.

! Tips

after you place a disc recorded disk name is (name), disk
name is displayed on the display unit, total playing time
and total number of tracks is displayed after.

In addition, you can press the SCROLL
button on the remote control to check the
disk name.

3



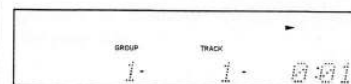
Display



remote
(RC-601)

remote
(RC-613S)

start playing
Play
- Playback starts from the first track when the button is pressed.

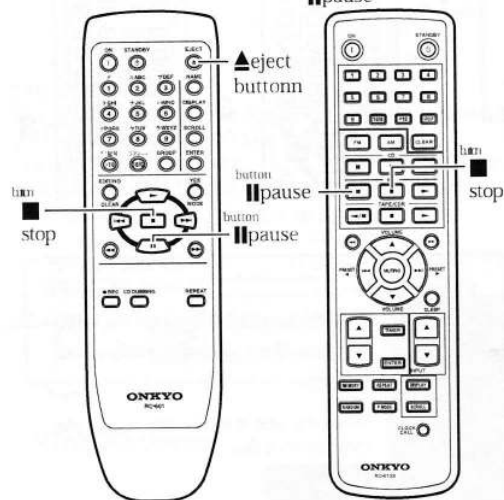
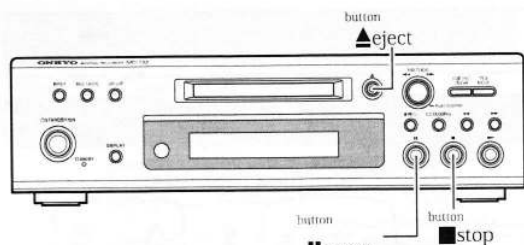


! tips

Playback also starts when you press
the front panel MULTI JOG dial.

To standby mode
-press the STANDBY button on the
remote control or the STANDBY / ON
button on the unit.

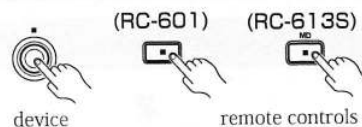
MD Listening



Supplied with device
remote control
(RC-601)

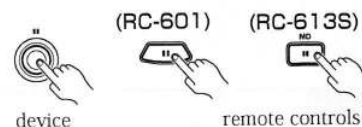
A-933(remote
control supplied
with the
amplifier)
(RC-613S)

To stop the playback



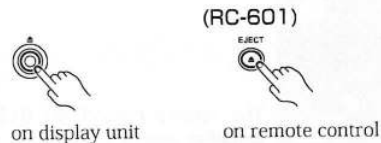
Stop
■ press the button

To pause the playback



Pause
■ press the button
back to playback
If you want to play again, press this ► play button.

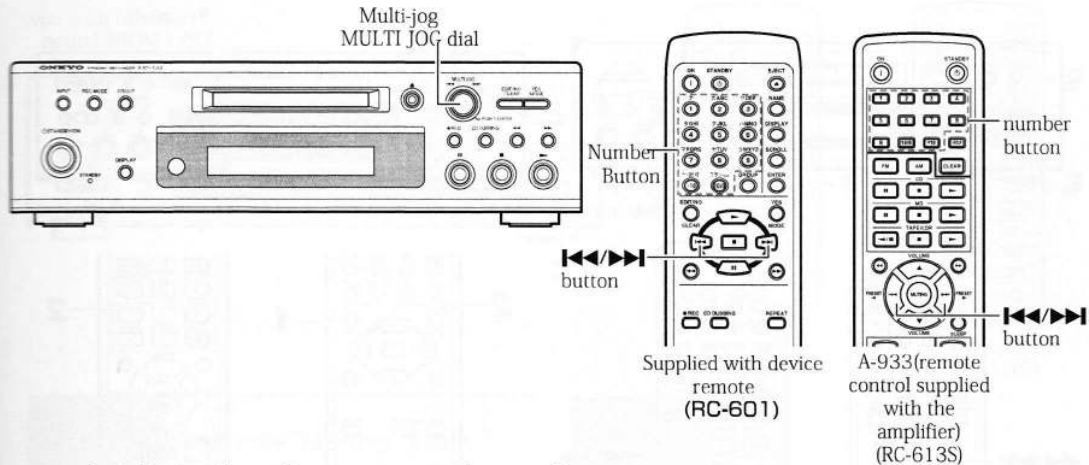
To eject the disc



Eject
▲ press the button
"Eject" is displayed and the disc will be ejected.

MD OPERATION

play number of song you want to listen



to select the track number you want to hear and

directly select the track number you want to hear. Skip playback

RC-601

1 2 3
4 5 6
7 8 9
10 11

RC-613S

1 2 3 4
5 6 7 8
9 10 11 12

To select tracks by pressing the number buttons on the remote
Playback of the song that you want to start.

1 Choose the track 10/0

1 1 If you want to select a song track above, the total number of tracks on the disk, it is as follows.

choose the 25 track Example:

10/0 2 5 (total number of tracks is 99)

10/0 2 5 (total number of tracks is 999)

10/0 10/0 2 5 (1000 number tracks Or more tracks)

choose the 125 track Example:

10/0 1 2 5 No of tracks less than 999

10/0 1 2 5 total No tracks 1000 Or more tracks)

on device

or

on remote (RC-601)

amplifier remote (RC-613S)

On the remote control or the MULTI JOG dial on the main unit during playback **10/0/11** choose the track number button select a song after you stoped the song during playback

- turn to the right the MULTI JOG dial.
- Or, on the remote control **10/0/11** press this button

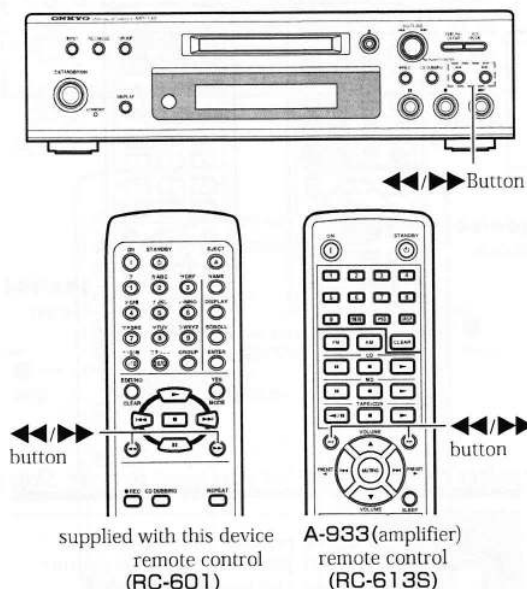
once again to play same song, To select the previous song

- turn to the left the MULTI JOG dial.
- Or, on the remote control **10/0/11** press this button

You can choose track numbers in the order in which they are memory and operates in memory during playback. (See page 21)

Listen to MD audio files

Search (find the part you want to listen)



Find while listening song

during playback ◀◀ or ▶▶ Release the finger in part to hold down the button, you want to listen

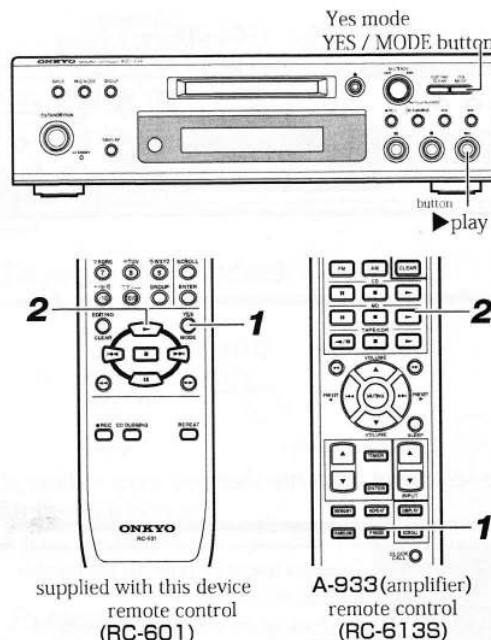
look while watching the time display (paused)

During pause ◀◀ or ▶▶ press button

To Continue, release the finger to confirm the time display of the part you want to listen to (high-speed search). ▶▶ press the button on the remote control.

◀◀ Or ▶▶ You may search start after pressing the button to, take up to 10 seconds.

Listen in random order (random playback)



1



choose the "random" mode

remote control that came with this device (RC-601)

press repeatedly YES / MODE button during stop until will displays the "RDM" on the display unit.

A-933 amplifier RC-613S remote control

press repeatedly YES / MODE button during stop, until will displays the "RDM" on the display unit.

2



press the button

Random play begins.

To return to normal playback from random play mode

• If the RC-601 and Device, press button

on the display unit "NORMAL" 表

Press the YES / MODE button until you get end

• RC-613S on remote, press this button, and in P MODE button "NORMAL" indicator will appear on the display

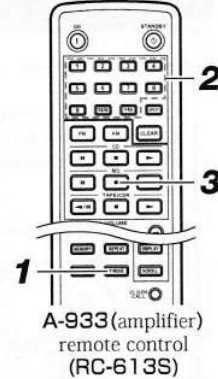
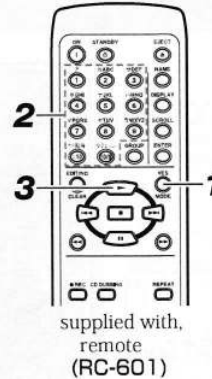
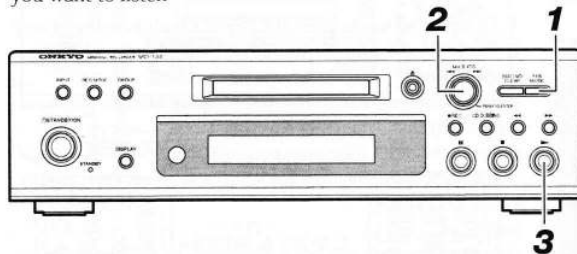
important

in Random play mode, Or button STANDBY / ON will reset by pressing this button.

Listen to MD Audio files

Make a reservation playback (Memory playback)

You can book up to 25 tracks. You can play in the order by selecting a song you want to listen



1



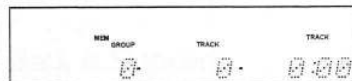
リモコン
(RC-601)



リモコン
(RC-613S)

choose the "Memory" mode

Panel operation :
press repeatedly YES / MODE button during stop
「MEM」



remote (RC-601) YES/MODE.

A-933system, remote RC-613S) の
場合 :
プレイ モード
P MODE 「MEM」

2. MULTI JOG Turn the MULTI JOG dial to the desired track then press the MULTI JOG dial, repeat for each track.

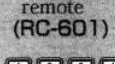
2



本体



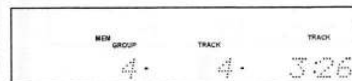
リモコン
(RC-601)



リモコン
(RC-613S)

using multijog

Turn the MULTI JOG dial to the desired track then press the MULTI JOG dial

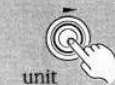


repeat for each track.
-Using remote enter the track number
using the number keys

To program songs within Groups:

1.グループ
Press GROUP
button

3



unit



リモコン
(RC-601)



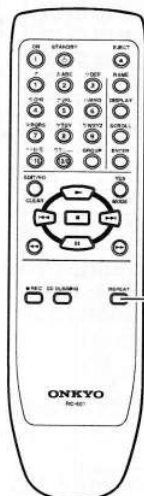
リモコン
(RC-613S)

プレイ
▶ play button

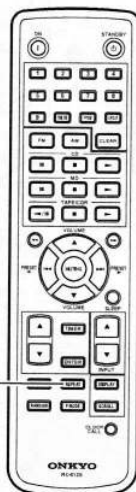
Press PLAY to begin memory playback.
-To stop Memory playback press YES/MODE button until "NORMAL" displays
-To clear individual programmed tracks press EDIT/NO CLEAR button while playback is stopped. Tracks will be deleted from memory one at a time from the last track programmed

listen to MD continued

REPEAT PLAYBACK



md133
remote
(RC-601)



A-933(system)
remote
(RC-613S)

リピート
REPEAT button

1. To repeat all tracks press the REPEAT button on the remote
2. To repeat one track, press REPEAT button twice while the track is playing

-While in memory playback mode pressing REPEAT will repeat only the memory

songs in the order they were programmed.

-While in random playback the songs will repeat each time in a different random order

-You can not repeat one track in memory or random mode



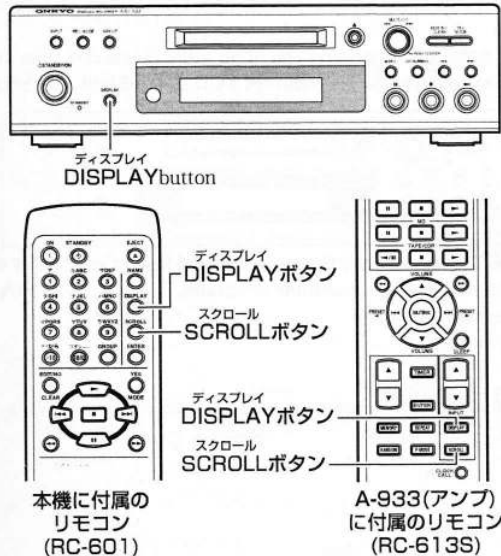
remote
(RC-601)



remote
(RC-613S)

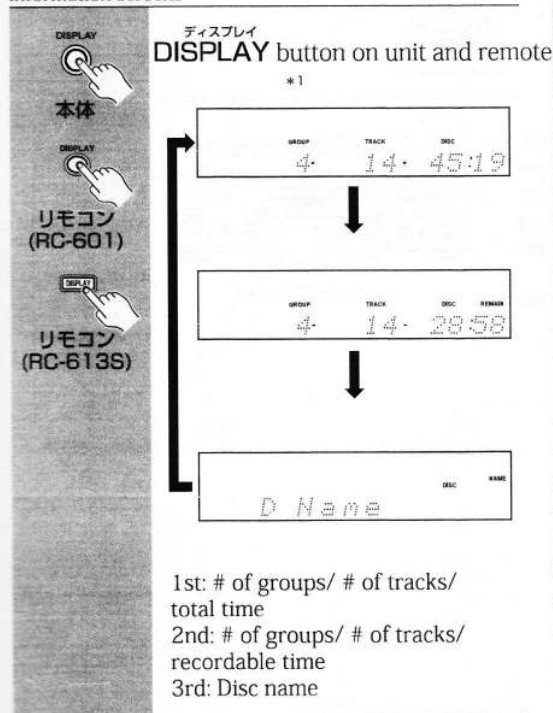
リピート
REPEAT button on unit remote

DISPLAY DISC INFORMATION

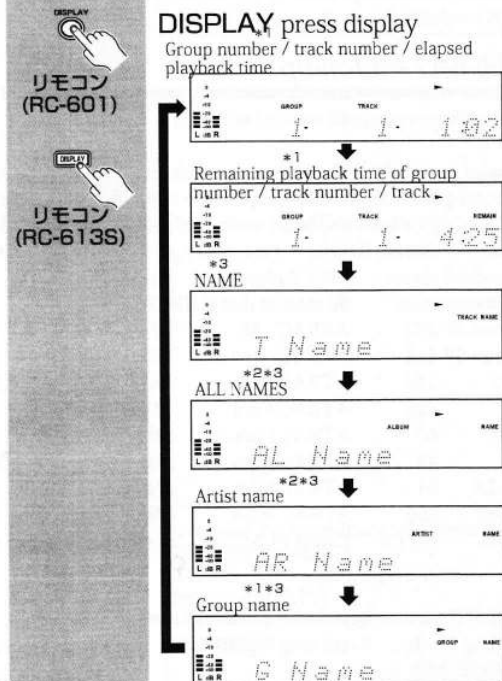


While Play Back is Stopped

1. Repeatedly Press DISPLAY on the main unit or remote to scroll through the information screens



During Playback



1. Repeatedly Press DISPLAY on the main unit or remote to scroll through the information screens.

1st: group #/ track #/ elapsed time

2nd: group #/ track #/ remaining time

3rd: track title

4th: album title

5th: artist name

6th: group name

! TIPS

For long track names press the SCROLL button on the remote to show all the text info. While the text is scrolling press SCROLL again to stop the text and once more to start text moving again

Audio data compression

The digitally encoded audio signal on a MiniDisc has traditionally been data-compressed using the ATRAC format (Adaptive Transform Acoustic Coding). This is in fact a 'psychoacoustic' data reduction system. It omits some of the musical content. It is claimed by Sony that the content that is omitted is inaudible anyway. Some original sounds have been known to defeat ATRAC which introduces (typically) a crackle or whistle onto the data stream.

ATRAC was devised for MiniDisc so that the same amount of audio a CD can carry can fit on a disc far smaller than the CD (which contains uncompressed 16-bit stereo linear PCM audio). ATRAC reduces the 1.4 Mbit/s of a CD to a 292 kbit/s data stream, roughly 5:1 reduction.

£/

Hi-MD-MD-mdlp

Recording modes[edit source | editbeta]

Modes are available for recordings made on the player. Capacities are official Sony figures; real world figures are usually slightly higher. Second generation Hi-MD players also support MP3 compression natively, in a multitude of bitrates. Recently, 352 kbit/s and 192 kbit/s ATRAC3plus have also been made available for 1st and 2nd generation Hi-MDs.

Name	Bitrate (kbit/s)	Codec	Availability and capacity (min)				
Standard player		MDLP player	Hi-MD player				
80 minute disc		80 minute disc (HiMD formatted)	1 GB Hi-MD disc				
Stereo SP	292	ATRAC 80	80	80	n/a	n/a	
Mono SP	146	ATRAC 160	160	160	n/a	n/a	
LP2	132	ATRAC3 n/a	160	160	290	990	
-	105	ATRAC3 n/a	127	127	370	1250	
LP4	66	ATRAC3 n/a	320	320	590	1970	
-	48	ATRAC3plus	n/a	n/a	n/a	810	2700
Hi-LP	64	ATRAC3plus	n/a	n/a	n/a	610	2040
Hi-SP	256	ATRAC3plus	n/a	n/a	n/a	140	475
PCM	1411.2	Linear PCM	n/a	n/a	n/a	28	94

On Hi-MD media, these audio encodings can be created:

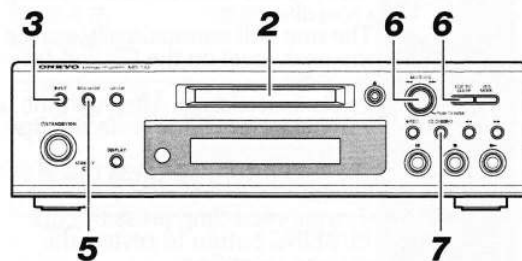
Encoding Mode	Recording capacity(1)	Created by ...			
305MB Hi-MD					
formatted Minidisc	1GB Hi-MD Media	recording with			
Hi-MD equipment	downloading from PC				
to Hi-MD equipment					
Linear PCM 1.4mbps	28m	1h 34m	O yes	X no	
ATRAC3plus 256kbps "Hi-SP"		2h 20m	7h 55m	O yes	O yes
ATRAC3plus 64kbps "Hi-LP"	10h 10m	34h	O yes	O yes	
ATRAC3plus 48kbps	13h 30m	45h	X no	O yes	
ATRAC3 132kbps "LP2"	4h 50m	16h 30m	X no	O yes	
ATRAC3 105kbps	6h 10m	20h 50m	X no	O yes	
ATRAC3 66kbps "LP4"	9h 50m	32h 50m	X no	O yes	
ATRAC 292kbps "SP"	Not supported on Hi-MD media				

Encoding Mode	Recording capacity(1)	Created by ...			
305MB Hi-MD					
formatted Minidisc	1GB Hi-MD Media	recording with			
Hi-MD equipment	downloading from PC				
to Hi-MD equipment					
Linear PCM 1.4mbps	28m	1h 34m	O yes	X no	
ATRAC3plus 256kbps "Hi-SP"		2h 20m	7h 55m	O yes	O yes
ATRAC3plus 64kbps "Hi-LP"	10h 10m	34h	O yes	O yes	
ATRAC3plus 48kbps	13h 30m	45h	X no	O yes	
ATRAC3 132kbps "LP2"	4h 50m	16h 30m	X no	O yes	
ATRAC3 105kbps	6h 10m	20h 50m	X no	O yes	
ATRAC3 66kbps "LP4"	9h 50m	32h 50m	X no	O yes	
ATRAC 292kbps "SP"	Not supported on Hi-MD media				

録音する

CD DUBBING

DUBBING A CD DIGITALLY (WITH AN INTEC-275 SERIES DIGITAL AMP/CD DECK)



ご注意

- You can only perform this operation if you have an INTEC-275 SERIES AMP or CD player.

1

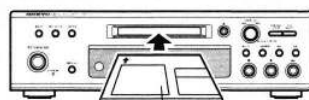
CD INSERT

SURFACE DOWN



2

Insert a recordable MD



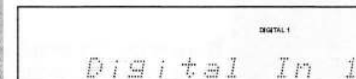
LABLE FRONT

3



デジタル イン
[Digital In 1] DISPLAY

インプット
Press the INPUT button to until
"DIGITAL IN 1" displays



4

Confirm the MD disc mode
[MD/Hi-MD]

5

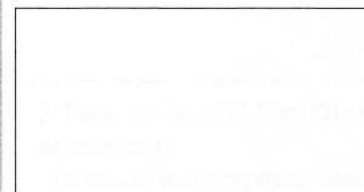


To choose the recording mode press the
REC MODE button
MD Mode: Stereo (SP), Stereo (SP2),
Mono, Stereo (SP4)
Hi-MD Mode: Hi-MD (SP), Hi-MD (LP),
Hi-MD (PCM)

Stereo (SP) → Stereo (LP2)
↑
Mono ← Stereo (LP4)

Hi-MD MODE

Hi-MD (SP) → Hi-MD (LP)
↑
Hi-MD (PCM) ←



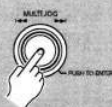
CD DUBBING CONTINUED

6

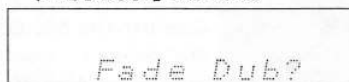
Choose CD dubbing mode
オン オフ

Turn FADE OUT MODE on or off.
With FADE OUT MODE on any song that does not get recorded completely will fade out rather than end abruptly.

1. Press EDIT/NO/CLEAR button then turn the MULTI JOG dial until "FADE DUB?" displays

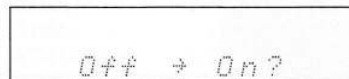


「Fade Dub?」 DISPLAYS



② ^{マルチ} MULTI JOG ^{ジョグ} USING

Press MULTI JOG dial



③ To change mode to ON press
MULTI JOG DIAL



④ To leave mode OFF press EDIT/NO/
CLEAR button



7

^{ダビング} CD DUBBING BUTTON



Press CD DUBBING button to begin recording
The unit will automatically search for the peak level on the CD and set recording levels accordingly. After that the unit will begin recording from the first track.

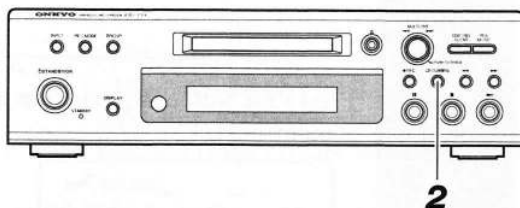
-To stop recording press the STOP button.

-During recording press the CD DUBBING button to review the current recording settings

recording

ONE TOUCH TRACK RECORDING (WITH AN INTEC-275 SERIES DIGITAL AMP/CD DECK)

-You can only perform this operation if you have an
INTEC-275 SERIES AMP or
CD player.



1

Begin CD playback



2

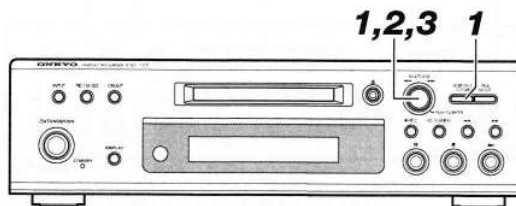
ダビング
PRESS CD DUBBING

Press the CD DUBBING button
-The current CD track will return to the
beginning and recording will begin.



GROUP RECORDING

-Multiple tracks can be recorded in to a single group.
this mode is set to "On" as the default.



停止中

1

While playback is stopped press
EDIT/NO/CLEAR, then turn the
MULTI JOG
DIAL to display "Group Rec?"



Group Rec?

2



オフ
MULTI JOG Press the MULTI JOG DIAL.

-If the displayed setting is "Off" the display will show "Off
> On?"
-In the "On" mode all tracks will be recorded into one
group until the
"STOP" button is pressed.

Off → On?

3

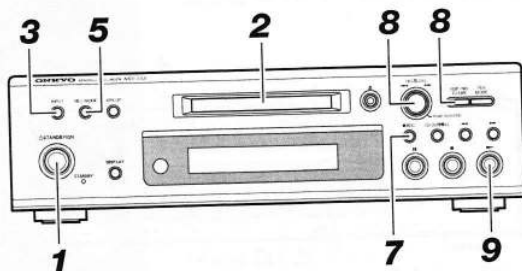


3. Press the MULTI JOG DIAL to
save settings.

-To cancel this operation while in
progress press the EDIT/NO/
CLEAR button.

recording

RECORDING FROM AN ANALOG SOURCE



1



Press STANDBY/ON button

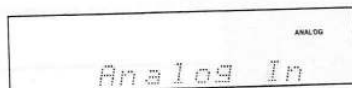
2

Insert a recordable MD

3



Choose "Analog In" by pressing the INPUT button



4

Confirm MD mode

5



Choose MD recording mode

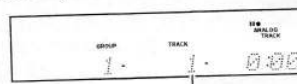
6

Begin playback on connected device

7



Press REC button to put unit in record standby mode



8

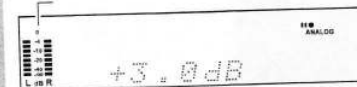


Adjust recording level
Press EDIT/NO/CLEAR then turn MJD until "Rec Level?" displays



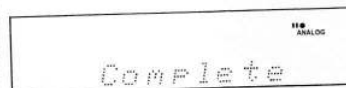
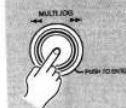
② MULTI JOG Press the MJD

③ MULTI JOG Turn the MJD to adjust the recording level



-60.0dB to -30.0dB (adjustable in 5dB increments)
-30.0dB to -12.5dB (adjustable in 2.5dB increments)
-12.5dB to +18.0dB (adjustable in .5dB increments)

④ MULTI JOG PRESS
コンプリート



Press MJD to set, "Complete" will display

9



9. Begin recording

-After pressing play on the MD Unit begin playback on the source of recording. While recording "TOC" will display. If you have the LEVEL SYNC function (page 33) ON then a new track mark will be created when there is no sound.

-To Make Track Marks Manually While Recording

Press the REC button at the point you want a track mark

-To Pause Recording

Press the PAUSE button, press PLAY to resume recording

-To Stop Recording

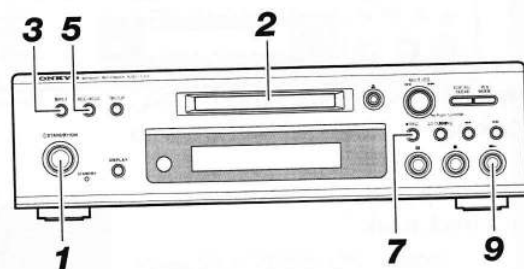
Press the STOP button

Do not turn off power or unplug the unit if TOC is displaying, the unit is writing the track information to the MD.

RECORDING

RECORDING FROM A DIGITAL SOURCE WITH AN OPTICAL AUDIO CABLE

This unit has a sampling rate converter so you can record CD (PCM 44.1 kHz) or other digital signals like DAT, etc. (PCM 32kHz or 48kHz)



1

Press STANDBY/ON button



2

Insert a recordable MD

3

[Digital In 1]
[Digital In 2]

Press the INPUT button to choose "Digital in 1" or "Digital In 2"



-If "D.In.Unlock" displays
it means no digital cable is plugged in

4

Confirm MD mode

5

Choose MD recording mode

レック モード

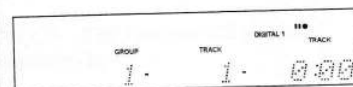


6

Begin playback on connected device

7

Press REC button to put unit in record standby mode



8

Adjust recording level

1. Press EDIT/NO/CLEAR then turn MJD until "Rec Level?" displays
 2. Press the MJD
 3. Turn the MJD to adjust the recording level
- 60.0dB to -30.0dB (adjustable in 5dB increments)
 - 30.0dB to -12.5dB (adjustable in 2.5dB increments)
 - 12.5dB to +18.0dB (adjustable in .5dB increments)

RECORDING

9

BEGIN RECORDING



-After pressing play on the MD Unit begin playback on the source of recording. While recording "TOC" will display.

-To Pause Recording Press the PAUSE button, press PLAY to resume recording

-To Stop Recording Press the STOP button

-Even if "Level Sync" is turned off track marks will be made automatically during digital recording. Some digital broadcasts do not have track mark information included in the signal but If you have the LEVEL SYNC function

ON then a new track mark will be created when there is no sound.

Do not turn off power or unplug the unit if TOC is displaying, the unit is writing the track information to the MD.

CD SYNCHRO RECORDING INTEC275-

You can only perform this operation if you have an INTEC-275 SERIES AMP or CD player.

1

Prepare for recording

2



Press REC button to put unit in record standby mode

3



(CDプレーヤー)

Begin playback on the CD

-Press PLAY on the CD player only after "0:00" has displayed on the MD deck.

After pressing play on the CD player "Synchro Rec" will display.

-If recording levels are not correct please refer to page ABOVE

-To stop recording press STOP on the CD player.

ホーズ

RECORDING

SYNCHRO RECORDING FROM A TAPE DECK

!-You can only perform this operation if you have an
INTEC-275 SERIES AMP or
TAPE DECK.

1		Press input button to select "Analog In"
2		Confirm MD mode
3		レック モード Choose MD recording mode
4		●レック REC Press REC button to put unit in record standby mode
5	 (テープデッキ)	Begin playback on tape deck -If recording levels are not correct please refer to page ABOVE -To stop recording press STOP on the tape deck

SIGNAL SYNCHRO RECORDING

-You can perform synchro recording using other brands
of portable MD player OR OTHER EQUIVALENT

1		Press INPUT to choose the correct input source
2		Confirm MD mode
3		Choose MD recording mode
4		Press REC button, after "0:00" displays press REC button again. "Signal Rec" will display, the unit will be standby mode waiting for the signal from the attached device, "Signal Wait" and the time display will flash.
5		Recording begins -Recording will begin when the signal from the attached source enters the unit -If recording levels are not correct please refer to page ABOVE

LEVEL SYNC FUNCTION

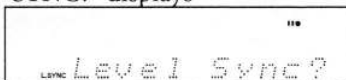
-Level Sync function creates track marks when silence is detected during recording. If recording digitally from a CD track marks will be created regardless of the having Level Sync on or off. It is set to on by default.

■ TO TURN LEVEL SYNC OFF

1



Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "LEVEL SYNC?" displays



2



MULTI JOG

Press the MJD. The current setting will display.



3



MULTI JOG

Press the MJD. "Level SyncOff" will display.

- To enter a track mark manually press REC button during recording
- TO quit this operation press EDIT/NO/CLEAR button
- TO turn Level Sync ON follow the same steps as above



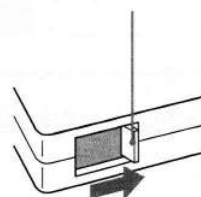
RECORDING AUTO STOP

-This function will stop recording after one minute of silence. This function is part of LEVEL SYNC so to turn RECORDING AUTO STOP off you must turn off LEVEL SYNC and vice-versa.

-A CD that has over minute of silence will also be affected by this mode so please be careful.

-When Dubbing a CD digitally (with an INTEC125 deck) the AUTO STOP will not affect recording.

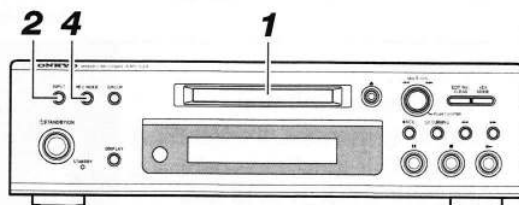
CHECK MD PROTECTION



TIMER PLAYBACK AND RECORDING

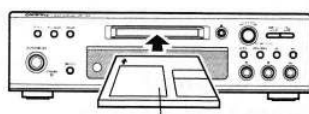
TIMER PLAYBACK AND RECORDING

You can only perform this operation if you have an INTEC-275 SERIES AMP and TUNER.



1

Insert playback/recordable MD



2



For recording press INPUT button to choose "Analog In"

3

For recording confirm MD mode

4



For recording choose MD recording mode

レック モード

5

Set the timer on the TUNER

GROUP FUNCTIONS

SETTING GROUPS

-Stop Playback

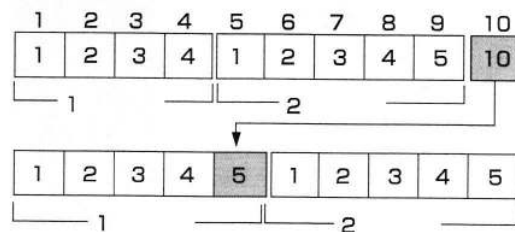
-Follow these instructions for putting tracks that are currently not in a group in a new group.

- 1** Turn the MULTI JOG DIAL to choose the first track to go into the group
- 2** Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "OOTR G. Set?" displays
- 3** Press the MJD
- 4** Turn the MULTI JOG DIAL to choose the last track to go into the group
- 5** Press the MJD, "Complete" will display

ADDING TRACKS TO A GROUP

-Follow these instructions to put tracks that are currently not in a group in an existing group.

- 1** Turn the MULTI JOG DIAL to choose the track to go into the group
- 2** Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "OOTR G. In?" displays
- 3** MULTI JOG Press the MJD
- 4** MULTI JOG Turn the MULTI JOG DIAL to choose the group the track will go into
- 5** MULTI JOG Press the MJD, "Complete" will display



REMOVING TRACKS TO A GROUP

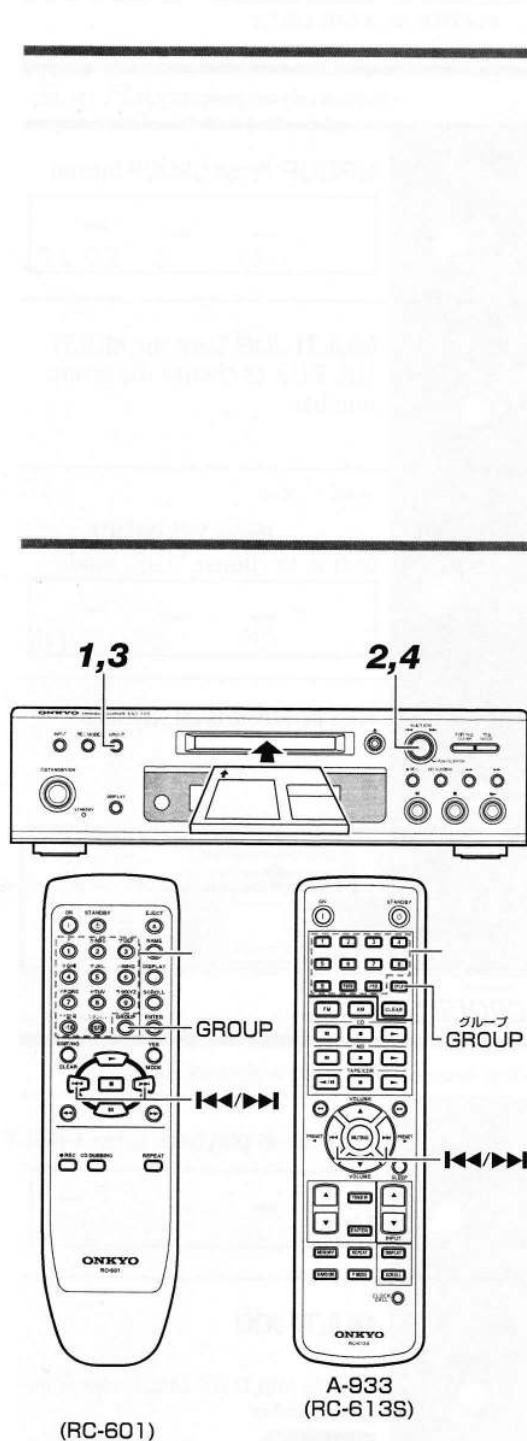
Follow these instructions to remove tracks that are currently in a group

1	マルチ ジョグ MULTI JOG Turn the MULTI JOG DIAL to choose the track to remove from the group
2	Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "OOTR G. Out?" displays
3	Press the MJD, "Complete" will display

REMOVING A GROUP
(NO TRACKS WILL BE
ERASED)

1	Press GROUP button
2	Turn the MULTI JOG DIAL to choose the group to release
3	Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "OO Release?" displays
4	Press the MJD, "Complete" will display

CHOOSING ONE TRACK FROM WITHIN A GROUP FOR PLAYBACK



1



グループ
Press GROUP button



2



マルチ ジョグ
Turn the MULTI JOG DIAL to choose the group number

◀▶▶▶ Or, use the arrow keys on the remote

3



Press GROUP button

4



Turn the MULTI JOG DIAL to choose the track number

◀▶▶▶ Or, use the arrow keys on the remote

REMOTE

You can also use the number keys on the remote to choose the group/track number (see page 19)



: 25

◀ 10 ▶ 2 ▶ 5

◀ 10 ▶ 10 ▶ 0 ▶ 2 ▶ 5

: 125

◀ 10 ▶ 1 ▶ 2 ▶ 5

GROUP PLAYBACK

-Playing all tracks in a group

1 	Press GROUP button 
2 	Turn the MULTI JOG DIAL to choose the group number. Or, use the number keys on the remote
3 	Press the MJD to begin playback, or press GROUP on the remote グループ

PLAYING BACK ONE GROUP

-Playback only one group

1 	GROUP Press GROUP button 
2 	MULTI JOG Turn the MULTI JOG DIAL to choose the group number
3 	イエス モード Press YES/MODE button to choose "1GR" mode 
4 	Press the MJD to begin playback. • ◦ 、◀▶ or use the remote GROUP フレイ and arrow keys

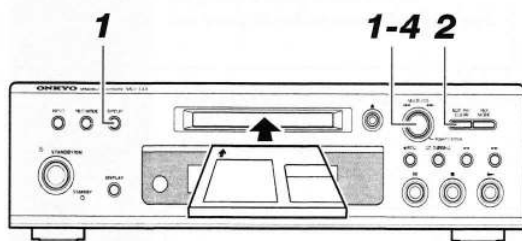
GROUP SKIP

-Skip through groups while in playback mode.

1 	1. While in playback press GROUP button 
2 	MULTI JOG Turn the MULTI JOG DIAL to choose the group number remote Or, use the GROUP and arrow keys on the remote

ERASE ALL TRACKS IN A GROUP

-Stop Playback



1



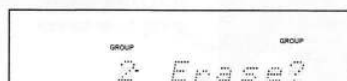
グループ マルチ
Press GROUP button, Turn the
MULTI JOG DIAL to choose the
number of the group to be erased



2



エディット ノー クリア
Press EDIT/NO/CLEAR button
then turn the MULTI JOG DIAL until
"Erase?" displays



3



MULTI JOG



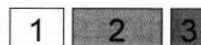
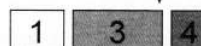
Press the MJD, to
reconfirm "Erase?" will display again

4



MULTI JOG

コンプリート
Press the MJD again, this will complete
the erasure and "Complete" will
display



! ヒント

グループ



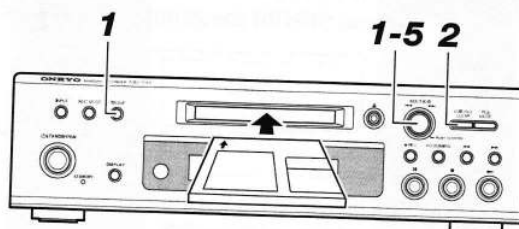
エンター
You can also do this with the GROUP,
arrow keys and EDIT/NO/CLEAR button
on the remote

MOVE A GROUP

-Stop Playback

途

ストップ



1



Press GROUP button, Turn the MULTI JOG DIAL to choose the number of the group to be moved

2



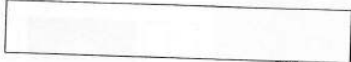
Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Move?" displays



3



MULTI JOG



Press the MJD, the group number will display with the position the group is going to be moved to, ex. "2G→1G"

4



If necessary turn the MJD to change the group number that the selected group will be moved to



5



MULTI JOG Press the MJD

-The track will be moved and "Complete" will display



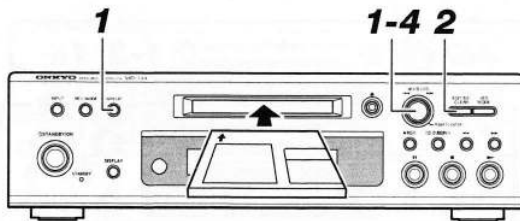
remote

グループ



You can also do this with the GROUP, EDIT/NO/CLEAR and ENTER buttons on the remote

COMBINE GROUPS



1



GROUP button, Turn the MULTI JOG DIAL to choose the number of the group to be combined

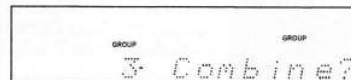


-The group you choose will be combined with the group coming before it. The first group therefore cannot be combined.

2



Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Combine?" displays



3



MULTI JOG Press the MJD



4



Press the MJD, the groups will be combined and "Complete" will display

-You can also do this with the GROUP, arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote



remote

エンター

TRACK EDITING

ERASE ALL TRACKS

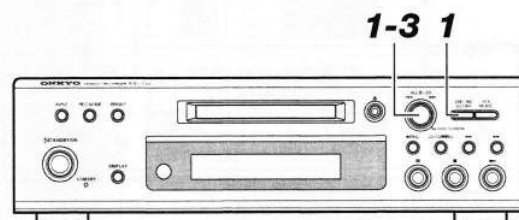
Editing functions cannot be performed on discs set to prevent accidental erasure (write protected), and "Protected!" will be displayed when accessing the EDIT sub-menu of the MD menu.

Tracks and points for editing
For most editing menu options, if the deck is not in play or in playback standby mode at the track or point to be edited, the option itself cannot be selected, and "Can't Edit!" will be displayed. These are options for editing functions to be performed on tracks or points, including DIVIDE, COMBINE and MOVE. The ERASE TRK option is called up before the track has been selected.

NOTE

After editing operations have been completed, with the MD still inserted and "TOC" lit up on the display, if the power is turned off, the revised U-TOC will not be written on the disc, and the editing operation will not be retained on the disc.

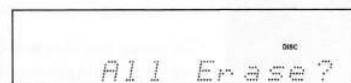
-Stop Playback.



1



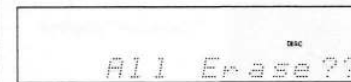
Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "All Erase?" displays



2



MULTI JOG



Press the MJD, to reconfirm "Erase?" will display again

3



Press the MJD, tracks will be erased and "Complete" will display

remote

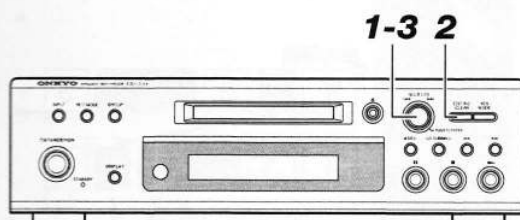


-You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote

ERASE ONE TRACK

ERASE ONE TRACK

-Can be done when playback is stopped or paused



1

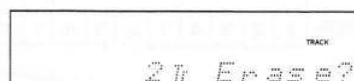


Turn the MULTI JOG DIAL to choose the number of the track to be erased

2



エディット ノー クリア
Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Erase?" displays



3



コンプリート
Press the MJD, tracks will be erased and "Complete" will display



AFTER



！ヒント

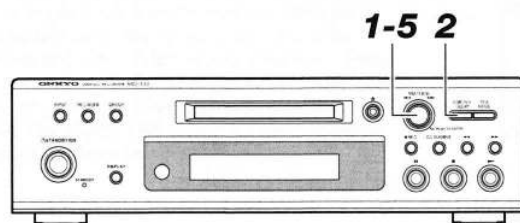


エンター
You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote

MOVE A TRACK

MOVE A TRACK

- Can be done when playback is stopped or paused
- You can move tracks within the same group
- You can move a track not in a group into a group
- You cannot move a track from one group to another group



1



Turn the MULTI JOG DIAL to choose the track to be moved

2



エディット ノー クリア
Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Move?" displays



3



MULTI JOG



Press the MJD

4



If necessary turn the MJD to change the track number that the selected track will be moved to

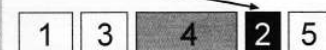
5



MULTI JOG

Press the MJD, track will be moved and "Complete" will display

曲の移動



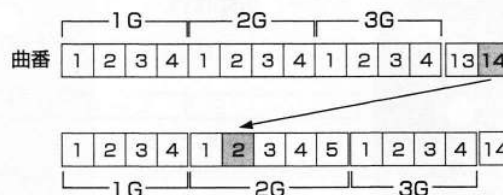
曲番のふり直し



! ヒント



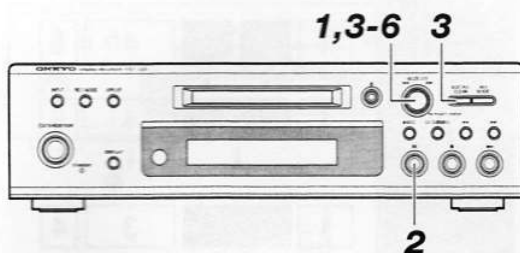
-You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote



DIVIDE A TRACK

DIVIDE A TRACK

- -Can be done when playback is stopped or paused



1



Turn the MULTI JOG DIAL to choose the track and begin playback

2

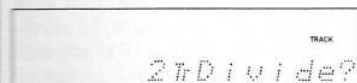


II
Press PAUSE at the point you want to divide

3



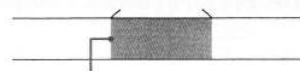
エディット ノー クリア
Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Divide?" displays



4



MULTI JOG



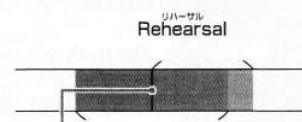
リハーサル ポジション

Press the MJD, "Rehearsal" and "Position OK?" will display, about 4 seconds before the divide point the audio will repeat in a loop.

5



While listening to the playback you can adjust the divide point from -45 to +45 steps by turning the MJD

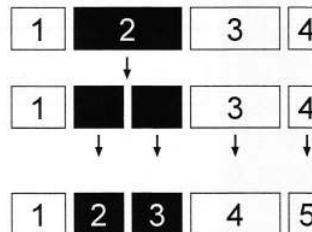


6



MULTI JOG

コンプリード
Press the MJD to complete the divide, "Complete" will display.



remote

You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote

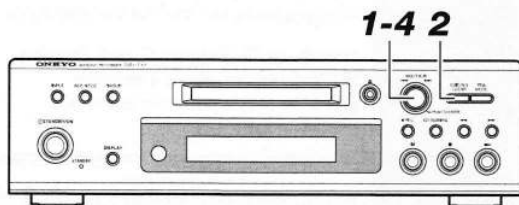


エンター

COMBINING TRACKS

COMBINING TRACKS

- -Can be done when playback is stopped or paused



1



マルチ ジョグ MULTI JOG

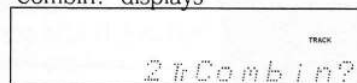
Turn the MULTI JOG DIAL to choose the track to be combined.
-The track you choose will be combined with the track coming before it. The first track therefore cannot be combined.

2



エディット ノー クリア

Press EDIT/NO/CLEAR button then turn the MULTI JOG DIAL until "Combin?" displays



3



Press the MJD, the display will show the tracks to be combined

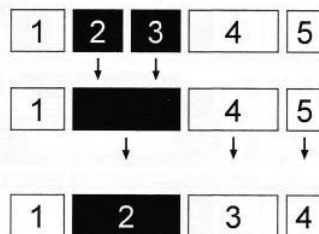


4



MULTI JOG

Press the MJD to combine. "Complete" will display



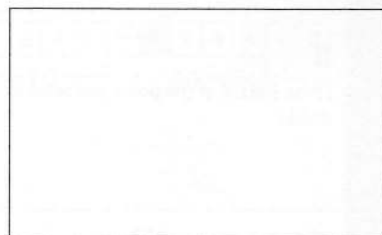
remote



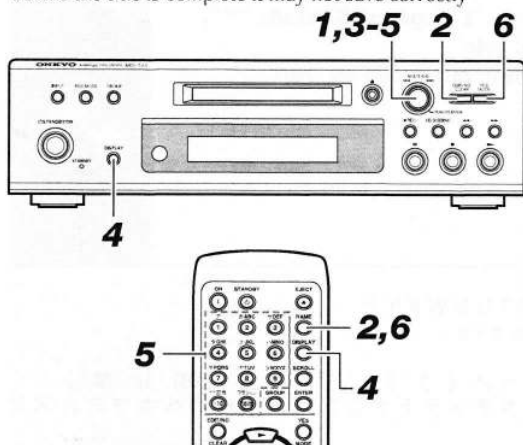
You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote

note

- You can not combine some tracks under 48-12 seconds,



You can add track names while recording or playing back but if the track changes before the title is complete it may not save correctly



- You cannot add group names during recording

1



- ADD DISC NAME
- Press STOP so that no individual track is selected
- ADD TRACK NAME

-Press STOP and turn the MJD to select the track to be named

-During playback/recording press the DISPLAY button until "TRACK NAME" displays.

ADD A GROUP NAME

-Press STOP and then the GROUP button, turn the MJD to select the group to be named. During playback press the DISPLAY button to display "Group Name"

IN Hi-MD MODE

Press STOP, or, during playback/recording press DISPLAY to display "Artist

Name" or "Track Name"



2



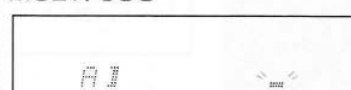
(RC-601)

Press EDIT/NO/CLEAR button and turn the MJD to display "Name In?"
-To cancel this operation press STOP

3



MULTI JOG



Press the MJD, the cursor will blink

CHARCTERS INPUT

4

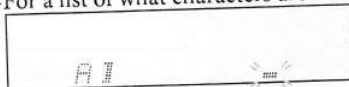


リモコン
(RC-601)

Choose the type of characters to enter Press the DISPLAY button repeatedly to view the types of character types (press SCROLL to reverse the order)

There are five types of characters: English alphabet upper case, "A", English alphabet lower case, "a", Numbers, "1", Japanese Katakana "ア", and Easy Name, " displayed as a musical note".

-For a list of what characters are available in each group see chart



characters YOU CAN USE

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

0123456789

_ @ ` < > # \$ % & * = : ; + - / () ? ! ' " . , _ (空白) # (挿入)

アイウエオカキクケコサシスセソタチツテトナニヌネノハヒフヘホマミムメモ

ヤユヨラリルレロワヲン

アイウエオヤユヨツ *



5



Enter name

-Turn the MJD to choose the desired character then press the MJD to enter that character

-TO change character type follow steps above

-TO enter characters with the remote use the number keys and their associated characters. You can also use the /<<, >>/ keys to choose characters and the ENTER or >> button to enter the character

-To correct a character : use the << >> buttons to highlight the character and then enter the correct one

To insert a character: use the << >> buttons to highlight point of insertion, next turn the MJD to the right to create a space to enter the new character.

To erase a character: use the << >> buttons to highlight the character to be erased. Then press the EDIT/NO/CLEAR button

6



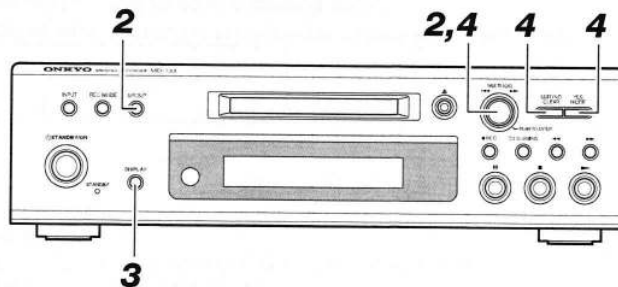
REMOTE
(RC-601)

To complete entry press the YES/MODE
button or on the remote press NAME

EDITING

TO ADD THE SAME NAME TO ANOTHER DISC, TRACK, GROUP, ARTIST OR ALBUM

Follow the instructions beginning on page 47 for naming



1

Follow the instructions beginning on page 47 for naming

2



Turn the MULTI JOG DIAL to choose the track or press the GROUP button to choose the group you want to add the same name to

3



Press the DISPLAY button to choose which name you want, the following will display: DISC NAME, TRACK NAME, GROUP NAME, ARTIST NAME, ALBUM NAME

EDITING

4



エディット ノー クリア

ネーム コピー

Press EDIT/NO/CLEAR button and turn the MJD to display "Name Copy?"
Then press the YES/MODE button
--You can also do this with the DISPLAY, arrow keys, EDIT/NO/CLEAR and
ENTER buttons on the remote



エンター

FORMAT A DISC

- Format a disc in order to use a standard 80/74/60 minute MD in Hi-MD mode, or to return a Hi-MD disc to standard mode.
- Hi-MD 1 GB discs do not need to be formatted
- All data on a disc will be erased if formatted

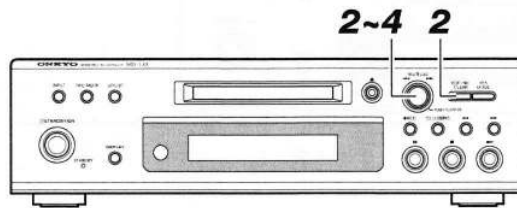


4



MULTI JOGダイヤルを押す

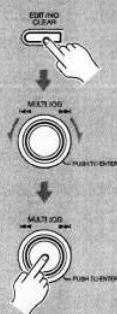
「Format OK?」と表示され、フォーマットが始まります。



1

Insert the MD to be formatted

2



Press EDIT/NO/CLEAR button and turn the MJD to display "Disc Format?" Then press the MJD



3



Turn the MJD to choose either "MD Format?" or "Hi-MD Format?"

Press the MJD, "Format Ok?" will display and formatting will begin
 --You can also do this with the arrow keys, EDIT/NO/CLEAR and ENTER buttons on the remote

エンター

MD Recording cautions

To eject the disc from the deck, press the EJECT key during stop mode.

NOT

When "UTOC Writing!" is flashing on the display, data on the recorded contents is being written onto the disc.

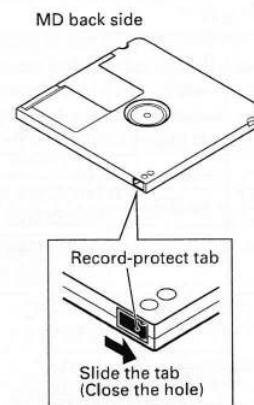
During this process, if the power cord is unplugged from the power source, or the unit is moved or disturbed, this essential data cannot be correctly recorded on the disc.

Recording cautions

When "Protected!" is displayed

The inserted MD cannot be recorded, or a playback-only MD was inserted.

Close the write protect tab to enable recording.



MD About

Hi-MD About

This is the new format of the mini disk and Hi-MD.

Minidisk from traditional, to change the recording method of the disk, enabling the recording of a longer time.

We have made it possible for a long time by recording ATRAC3Plus to further development of the audio compression technology ATRAC3 traditional. Whereas it was 1/10 of the CD, the compression ratio of (LP2/LP4 of the unit) ATRAC3 is, when compared based on the CD (Hi-SP/Hi-LP stereo mode of the unit) ATRAC3plus the past, it is high sound quality and high compression ratio of 1/20.

MD mode and Hi-MD mode

There are two modes of operation for the "Hi-MD mode" and "MD mode" to the unit. This mode of operation is switched automatically by the inserted disc.

When the "Hi-MD mode", I can record for a long time than ever before. In addition, you can also record sound quality the same as the CD in linear PCM (voice recording system not digital compression).

Recording time

action mode	Record mode	Codec	Type of disk			
			Hi-MD Standard 1GB	80min	74min	60min
Hi-MD mode	PCM	linearPCM /1.4Mbps	about 1h 34min	About 28 min	About 26 min	About 20 min
	Hi-SP	ATRAC3plus /256kbps	About 7m55 min	about 2h20m	about 2h10m	about 1h45m
	Hi-LP	ATRAC3plus /64kbps	About 34 hours	About 10 h10 min	About 9h25min	About 7h25min
MD mode	SP	ATRAC /292kbps	You can not record in MD mode.	80min	74min	60min
	LP2	ATRAC3 /132kbps		About 2h40min	About 2h28min	About 2h
	LP4	ATRAC3 /66kbps		About 5h20min	About 4h56min	About 4h
	MONO			About 2h40min	About 2h28min	About 2h

Number of tracks / number of groups / number of input characters

mode	Type of disk	Max tracks	max groups	max characters
Hi-MD	Hi-MD 1GB	2047	255	約55,000文字
	80	2047	255	約55,000文字
MD	80分	254	99	約1,700文字

MD troubleshooting

Constraints on the system of MD

MD (mini disk) system is done recordings in a manner different from the DAT cassette and traditional. Therefore, there are restrictions on the system some, you might like symptoms get the following. Since these do not indicate a problem, Please note.

- Even if you have not reached the maximum recording time, "Disc Full" is displayed.
- The MD system, regardless of the time, the display of the "Disc Full" appears the number of songs is full. If you want to add more songs, you can either turn off the unnecessary song, please record is divided into two MD.
- On-off information such as emphasis has been done many song, it becomes handled in the same way as a separator of the song, regardless of the number of songs and time
「Disc Full」 Display will appear.
- Depending on how the recording to the MD, the remaining time of the MD does not increase what song even turn off the short song.
- May not be able to connect the song.
The song has resulted from edits, may not be able to connect.
- Depending on how the recording and state of MD, is it also reduces the time or more remaining recording time is recorded.
- If you do a search in the music that I made in the editing, there is the sound is interrupted.
- May track numbers ... not exactly.
When recording a CD, by recording on the content of the CD, it may be a short song. In addition, if you have made the track marking automatically level sync on, depending on the content of what you want to record, you may track numbers ... not exactly.
- 「Reading」 View does not disappear easily.
If you put the recording disk that has not been used once, "Reading" will appear longer than normal.
- The though not reached the maximum number of input characters, and can not input characters.
Available number of characters will be less than this or use the group function, and when you enter japanese
The information of group function, and writes in the area to write to the normal name.
- Therefore, area of writing the information is reduced when I put a lot of character, you may not be able to edit the group. In that case, you may be able to be group edit and reduce the number of characters in the name.

About MDLP and Hi-MD

Disc recorded in each mode, LP2, LP4 Hi-LP, Hi-SP, PCM can not be played on devices other than the, LP2, LP4 mode with Hi-LP, Hi-SP, PCM.

Messe - di-List

By the situation of use, a message is displayed.

Meaning is shown in the table below.

Message	reason
Audio Error	There is no audio signal from DIGITAL IN.
Blank Disc	A blank recordable MD disc has been inserted.
Cannot Copy	Write-protected MD disc, so recording or editing is not possible., look page 53.
Cannot Edit	Editing cannot be performed due to MD system limitations or editing condition limits.
Cannot Rec	system tried to record the read-only MD. An attempt was made to digital recording and CD-R that was recorded on digital.
CD Dub Fail	system could not start the CD dubbing.
Complete	Editing operation has been successfully completed.
Cannot Read	damage, abnormal TOC is contained No) MD is located.
Disc Full	No recording time remaining on the disc, so new recording is not possible.
D. In Unlock	The digital input is not connected. Turn on the power of the equipment connected to DIGITAL IN.
Error	It was a combination that can not be entered in the Kananemu input.
Full	No recording time remaining on the disc.
Impossible	MDI t was an impossible operation of editing because of system limitations other than.
Writing	table of con-tents data is being writ-ten to the disc.
Mecha Error	An error occurred in the MD mechanism. May be damaged, please contact your Onkyo repair window near you.
Memory Full	An attempt was made to memory beyond the 25 tracks.
Name Full	Disk name and Song Title contains reaches the maximum value.
No Change	There was no change in the name input.
No Disc	Without inserting a disc.
Protected	MD is in the non-recordable state.
Read Error	system could not read the disc correctly. Please cycle the disk.
Retry Error	Since the recording, there was also a number of scratches on the MD and vibration, can not be properly recorded and re-recorded continuously. Please replace the disk.
Recording	system have an operation that can not during recording.
Signal Wait	MD becomes signaled the wait state.
TOC Error	TOC data is not correct

When Can We Help You

Please check the contents of the following first. That it may be due to other equipment that is connected, please check in conjunction with reference to the owner's manual of the other equipment.

Power supply does not turn

Please make sure that you are not unplug it from the outlet. [16] page NOTE ! THIS IS 100 volt operation unit !

system does not accept the playback of the disc

- It is damaged disk, or dirty. Please replace (The "Read Error" message appears) and the new disk.

Can not play

- (Water droplets adhering to the inside) Moisture condensation has occurred. Remove the disc, please place for several hours until the moisture evaporates.
- Please insert to match the orientation of the arrow on the disk.
- Disk has nothing of recorded on it. To replace a disk that has been recorded ("Blank Disc" message appears)

System can not play in the MD player car stereo or portable MD disk that was recorded on the machine

- It is recorded in MDLP mode or Hi-MD mode. You can not play car MD player and portable MD on hand is not compatible with the MDLP or Hi-MD. "MD mode" operation of this machine, please be recorded in the "SP" recording mode. Page 24]

Can not record / edit recording

- it is to write-protect a disk is incorrect . Hole back Set the write-protect tab on the disk (. " Protected " message appears) I close the .
- it is not properly connected to the instrument . Please re- connection .
- input setting of the unit is wrong . Please select the same input as the input signal to be recorded with the INPUT button . [28, 30] page
- recording level is too small . I will adjust the recording level . (See page 28)
- read-only disc is inserted . I swap the recording disk (. " Cannot Rec " message appears) .
- there is no remaining time of the disc . I swap the recording disk with enough time left . Or , unwanted songs Please turn off .
- audio optical digital cable is not connected . Audio optical digital cable (. " D. In unlock " message appears) Please connect correctly Bull . Or please set to analog input . [15, 28] page
- It is displayed as " Disc Full "
- No free recording to MD, please replace it with a new MD.
- It appears as " Retry Error "
- Remove the MD once , please re- recording again . If it appears frequently , please contact us to repair window .
- Recording stops automatically
- recording auto stop function is activated . It is possible to cancel the recording auto stop function . [Page 33]
- Group can be , when it recorded
- Setting of the group recording is turned "on" . , Please , change the setting to "Off" and " group recording " . [27] page
- Recording , noise is generated instantaneously
- In LP4 mode recording of MD mode , the characteristics of the compression method , noise momentary occur very rarely by the sound of the original recording
- To . Please try recording in LP2 mode or SP mode .
- Recording time and remaining recording time does not match the already recording time shown on the disc
- To record a certain range in the (time) unit is , by such as edit and delete repeated , and recording the recording place of disk You may between decreases .
- Reading
- Reading MD (Reading) is slow
- The Hi-MD, MD, correspondence , it takes about 60 seconds at most to read this unit .
- Name is not given
- name is not attached and has become memory , random , the 1GR playback mode . Please return to the normal playback mode . [20,21,38] page
- Become from 1Tr If you start recording Yet MD Aru to record some songs already
- because the group recording setting is on , you want to record by creating a new group whenever you start a recording , it is displayed as 1Tr.
- It does not become the group even though it has already been on the group recording setting
-
- Stop
- It does not take group when the specified track CD dubbing . In addition , when the synchronized recording , and its time you press the button . ■ MD Group will end with this .
- It would have been recorded by dividing the number of songs a lot of
- If you are recording radio , from the record may cause the number of tracks is attached a lot by detecting the silence . Raise the recording level Please OFF the level sync function if you do not also improved .

When Can We Help You

Track number is not attached

- When the number of the track does not stick silence is short .

I can not play in the player of the unit other than the MD that was recorded on the machine

- You can not play that it is not the MDLP compatible device MD, was recorded using the LP4 (MDLP mode) and LP2. The equipment you have Please make sure MDLP support . MD with a Hi-MD format when initializing the play is not the Hi-MD compatible devices Can not . Please make sure Hi-MD corresponding equipment you have .

I want to Hi-MD mode MD you have now

- I initialized to Hi-MD mode . Songs already recorded will be deleted . [52] page

You can not be playing and editing disk

- The disc that was recorded on the other equipment , you may not be able to edit or played back on this unit .

You can not edit the MD

- MD uses for recording , Please remove Slide the erasure protect tab recording disabled state . [53] page

- You can not edit has become memory , random , the 1GR playback mode . Please return to the normal playback mode .

[20,21,38] page

- You can not Combine song was analog recording songs and the digital recording (link) that . [42] page

- Also, you can not Combine songs recorded in the recording mode that is different from (link) thing . (Such as LP4 and LP2) [42] page

After recording , it was a power outage

If the TOC indicator lights up , became a power failure while the LED is flashing , the contents of the record before the power failure will be erased . The field was unplugged the power cord by mistake

Case will also be erased.

Noise regular enters the AM broadcast recording

- I have put in the immediate vicinity of this unit the AM indoor antenna . Please release the AM indoor antenna from the unit .

Name input

I can not name input

- it is to write-protect a disk is incorrect . To close the hole back to the write-protect tab on the disk (. " Protected " message appears) .
- read-only disc is inserted . I swap the recording disk (. " Cannot Rec " message appears) .

System action

System does not work

- connection is incomplete . Please check the connection of each code . In addition , only connection of terminals not work as a system Do . Please connect correctly audio pin code for each equipment .

- If it does not work properly with all of the treatment on , unplug the power plug , please power cycle the plug again .

Remote

Button on the work , but the button on the remote control does not work

- Please try to replace it with a new one with two batteries . [13] page
- between the remote and the player is too far? Are there any obstacles between the remote and the player ? [13] page
- (direct sunlight or inverter fluorescent lamp) or strong light does not hit the remote sensor [13] page
- Do not use the colored glass in the door of the audio rack , and you put a decorative film , may not function properly

You . [13] page

- If you want to use the included remote control (RC-613S) to A-933, it should be connected correctly cable , the audio pin code

Sure . [14] page

When combined with the A-933 (Amp)

No sound / system function does not work / remote control does not work

●

Main in

Please check MAIN IN function of A-933 is not working . Refer to the instruction manual for the A-933 for more information.

Other

Disk gets hot

- I may Depending on the operating state and the outside air temperature but the disk may become hot by this machine , but it is not a malfunction .
- This unit has a high degree function by micro computer , but noise and interference noise , or from the outside in rare cases

You may want to malfunction under the influence of static electricity was . In such a case , disconnect the power plug , and then left for about 10 seconds or more

Please connect the power plug from .

- or be covered by the warranty damage caused by that could not be recorded properly due to the failure of the product for the (CD rental fees, etc.) Does not . When you need to record important , after confirmation , please record that will be recorded correctly.

specifications

Recording frequency	32kHz/44.1kHz/48kHz
Recording and playback time	44.1 kHz
Total harmonic distortion	08 minutes up to 34 hours (Hi-MD disk use, Hi-LP mode is used)
Frequency characteristic	0.005% (1kHz)
Dynamic range	10Hz~20kHz/±0.5dB
SN ratio	94dB
Output voltage / impedance	100dB
power and voltage	2.0V (rms) /440Ω (アナログ出力)
Power consumption	AC100V, 50/60Hz NOTE ! Please check your country voltage!
Standby power	13W
The maximum Dimensions	0.1W
Mass	275 (幅) ×78 (高さ) ×310 (奥行き) mm
Allowable operating temperature / humidity	3.8kg 5℃~35℃/5%~85%

Design and specifications are subject to change without notice for performance improvement.

For repair

Warranty

If attached separate warranty for this product, and for purchasing Please accept when below.

Please confirm the description and fill in a given matter, the important

Please keep.

The warranty period is one year from the date of purchase.

■ When condition is poor

It seems surprising operation mistakes and failure.

Please read again this manual, you examine it more

Dasai. THERE IS also considered the cause of the other equipment. Your other use

Please check also to audio products. Still

When there is the abnormality, we will have it repaired, disconnect the power plug

Dasai.

When you ask for repair, and sale of purchase matters under "After Onkyo consultation window, window repair or supplied store,

The more inform the Onkyo repair contact your local guide

- ▶ Your name
- ▶ Contact phone number
- ▶ Your address
- ▶ Product MD-133
- ▶ As much detail as possible failure situation

■ About Onkyo repair window

For more information Goan of "Onkyo consultation window and repair window that comes

Please see the inside".

■ repairs during the warranty period

In the event that a failure or a defect occurs, and you bring the goods and warranty card

After your presentation, Onkyo near you or your dealer

Please consult the yaw repair window. For more information please see the warranty card

Sure.

■ repairs after the warranty period is

Your phase to Onkyo repair contact your local or your dealer,

Please story. If customer function can be maintained by repair

We will pay repair upon request of.

■ About holding period of repair performance parts

The repair performance parts of this machine, and held eight years

after termination lowest manufacturing

Have. This period is due to the guidance of the Ministry of Economy, Trade and Industry.

The performance parts, the part required to maintain the function of the product

Is an article. In the holding period has elapsed, repair allowed by fault location

Oh near you or your dealer, because there is a case of function

Please consult the Onkyo repair window.

ご購入年月日： 年 月 日

ご購入店名：

Tel. ()

メモ：

ONKYO

オンキヨー株式会社

Osaka headquarters Neyagawa Nissin town 2-1 〒 572-8540

For more information, please contact about your use of the product: Customer Center
072 (831) 8111 ☎ (you can call at local call rate from anywhere) (01) 8111 0570 Navi (mobile phone,
from PHS) ☎



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QUICK GUIDE- ONKYO MD-133/105FX

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EDITING

ERASE (ALL - IN STOP MODE; 1 TRACK - STOP/PAUSE)

✿ CHOOSE TRACK ⓪ EDIT/NO/CLEAR ✿ ALL/TRACK ERASE? ➡ ✿

MOVE (STOP/PAUSE)

✿ CHOOSE TRACK ⓪ EDIT/NO/CLEAR ✿ MOVE? ➡ ✿ CHOOSE LOC.

DIVIDE (ADD TRACK MARK) (STOP/PAUSE)

✿ CHOOSE TRACK ⓪ PLAY; PAUSE AT POINT ⓪ EDIT/NO/CLEAR ✿ DIVIDE? ➡ ✿

REHEARSAL/POS.OK? ✿ ADJUST POINT ➡ ✿

COMBINE (REMOVE TRACK MARK) (STOP/PAUSE)

✿ CHOOSE TRACK ⓪ EDIT/NO/CLEAR ✿ COMBINE? ➡ ✿ TRACKS CORRECT? ➡ ✿

NAMING DISC

⓪ STOP (NO TRACK NAME DISPLAYED)

⓪ EDIT/NO/CLEAR ✿ NAME IN?

✿ SCROLL THROUGH CHARACTERS OR

⓪ DISPLAY ➡ TYPES OF CHARACTERS ✿

ENTER CHARACTER ➡ ✿

CONTINUE, WHEN COMPLETE ➡ ⓪ YES/MODE

NAMING TRACK

⓪ STOP ✿ SCROLL THROUGH TRACKS

⓪ DISPLAY ➡ TRACK NAME ✿

⓪ EDIT/NO/CLEAR ✿ NAME IN?

ENTER CHARACTER ➡ ✿

CONTINUE, WHEN COMPLETE ➡ ⓪ YES/MODE

QUICK GUIDE- ONKYO MD-133/105FX

( = BUTTON;  = PRESS;  = MULTIJOG)

LISTENING

DISPLAY INFO (STOP OR PLAY)

 DISPLAY 

PROGRAM

 YES/MODE  THROUGH OPTIONS - 'MEM.'  CHOOSE TRACK  REPEAT FOR

EACH TRACK   PLAY

RECORDING

FORMAT A DISC (NB ALL DATA WILL BE ERASED)

 EDIT/NO/CLEAR  DISC FORMAT?  MD/HIMD FORMAT? 

REC SOURCE (ANALOG/DIGITAL)

 INPUT  DIGITAL 1/2/ANALOG

REC MODE

 REC MODE  THROUGH OPTIONS

GROUP REC

 EDIT/NO/CLEAR  GROUP REC?  OFF > ON? / ON-OFF? 

REC LEVEL

 REC  EDIT/NO/CLEAR  REC LEVEL?  ADJUST 

LEVEL SYNC (STOP TRACK MARKS AT SILENCES)

 EDIT/NO/CLEAR  LEVEL SYNC?  ON-OFF?/OFF-ON? 

SYNCHRO REC

 INPUT, CONFIRM TYPE  REC, WHEN 0.00 DISPLAYS, PRESS REC AGAIN, SIGNAL FROM SOURCE WILL START RECORDING