

*Compact Hi-Fi  
Component  
System*

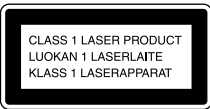
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*CHC-CL3  
CHC-CL1*

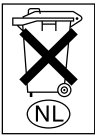
가

가



1  
(CLASS 1 LASER)

1  
(CLASS 1 LASER PRODUCT MARKING)가





.....	4
.....	5

---

.....	6
R6 (AA     )	
.....	7
.....	8
.....	8

CD

CD	.....	9
CD	—     /     /	9
CD	.....	11
—	.....	12
CD	.....	12
CD	.....	12

---

.....	14	
—	.....	15
—	.....	16
(RDS)*		
.....	16	

---

—	.....	17
.....	17	

---

—	.....	18
CD	— CD-TAPE     /	

—	.....	19
.....	19	

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— GROOVE/DBFB	.....	20
.....	21	

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—	.....	22
---	-------	----

—	.....	22
---	-------	----

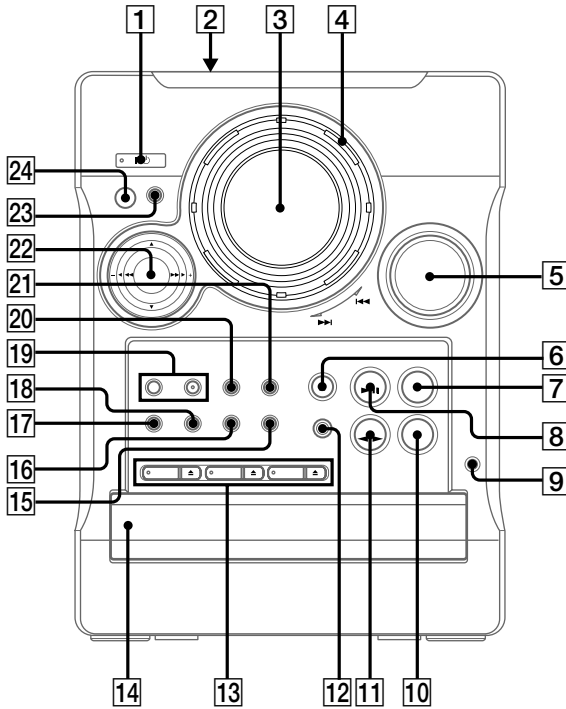
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.....	23
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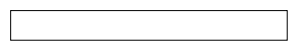
.....	24
.....	26
.....	29
.....	29

\*

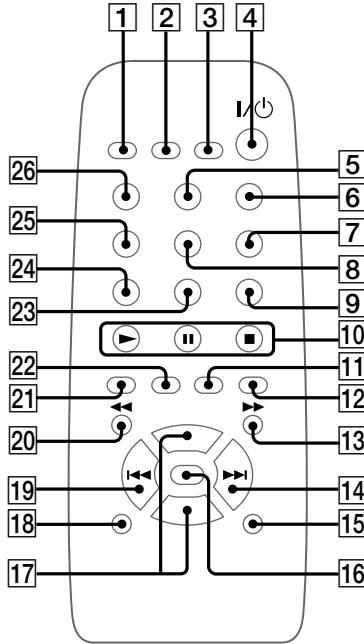


BASS/TREBLE **22** (21)  
 CD 1 - 3 **13** (11)  
 CD 1 - 3 ▲ **13** (9)  
 CD **14** (9)  
 CD SYNC **19** (18)  
 CD ►|| **8** (9)  
 DBFB **21** (20)  
 DIMMER **15** (7)  
 DISPLAY **23** (8, 12)  
 EDIT **20** (18)  
 FUNCTION **12** (9, 17, 18)  
 GROOVE **17** (20)  
 MD **10** (24)  
 MUSIC MENU **22** (21)

PHONES **9**  
 PLAY MODE/DIRECTION  
**18** (9, 17, 18)  
 REC PAUSE/START **19** (18,  
 19)  
 REPEAT **16** (10)  
 STEREO/MONO **16** (15)  
 TAPE ◀▶ **11** (17, 18)  
 TUNER/BAND **7** (14, 15)  
 VOLUME **5**  
**24**  
**2** (17)  
**3**



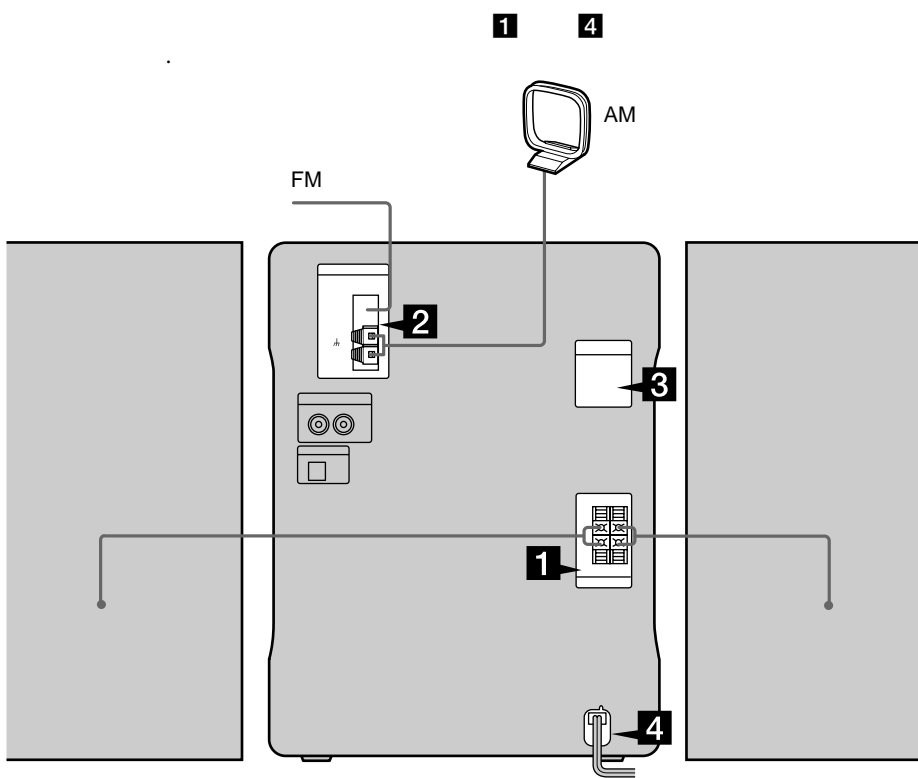
I/⏻ **1**  
 ◀▶/▶▶ **4**  
 ■ **6**  
 ◀▶▶▶ **22**  
 +/- **22**



CHECK **8** (11)  
 CLEAR **12** (11)  
 CLOCK/TIMER SELECT **2**  
 (20, 23)  
 CLOCK/TIMER SET **3**  
 (8, 19, 22)  
 DBFB **26** (20)  
 DIMMER **23** (7)  
 DISC SKIP **9** (10, 12)  
 DISPLAY **18** (8, 12)  
 ENTER/YES **11** (8, 13, 14,  
 19, 22)  
 FUNCTION **15** (9, 17, 18)  
 GROOVE **16** (20)  
 MENU/NO **21** (14)  
 MUSIC MENU **6** (21)

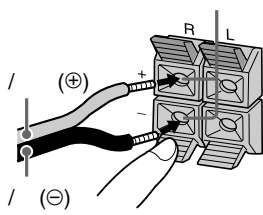
NAME EDIT/CHARACTER  
**22** (12, 16)  
 REPEAT **7** (10)  
 SCROLL **25** (13)  
 SLEEP **1** (22)  
 SURROUND **5** (20)  
 TUNER/BAND **24** (14, 15)  
 VOL +/- **17**

**I/⏻** **4**  
**▶** **10**  
**■** **10**  
**⏸** **10**  
**▶▶** **13**  
**▶▶** **14**  
**◀◀** **19**  
**◀◀** **20**



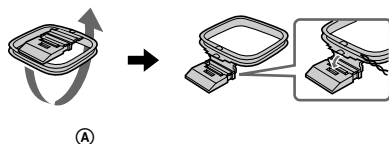
**1**

SPEAKER



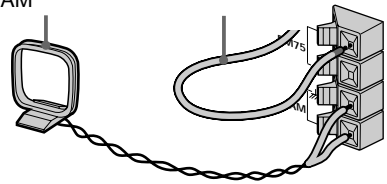
**2** FM/AM

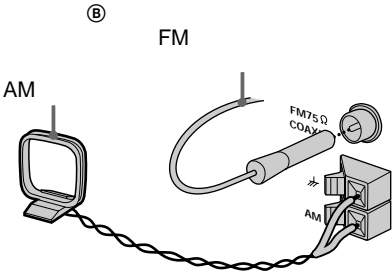
AM



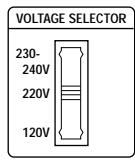
AM

FM





**3** 가  
VOLTAGE SELECTOR



**4** 가 ( ) 가  
I/O

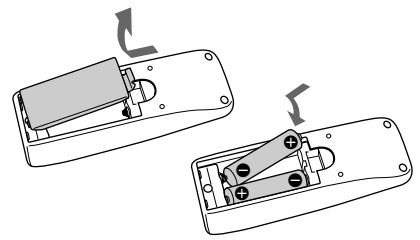
가  
가  
/

DISPLAY

**1** DIMMER  
**2** ◀◀/▶▶ ( ▶▶ )  
-5 +5 11

CD

- 1
- 2 CD 1 "LOCK"
- 3





1

2 CLOCK/TIMER SET

DISPLAY

5

3 ◀◀/▶▶ ( ▶▶ ) "CLOCK SET?"

→ →

4 ENTER/YES

DISPLAY

5 ◀◀/▶▶ ( ▶▶ )

가

6 ▶▶ ( ENTER/YES)

I/O

가

7 ◀◀/▶▶ ( ▶▶ )

8 ENTER/YES

가

◀◀ ▶▶

1



# CD

## CD

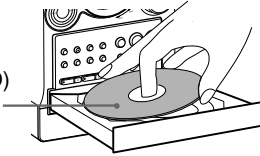
1 CD 1-3 ▲

가

2

CD

CD (8 cm CD)



가 CD

CD

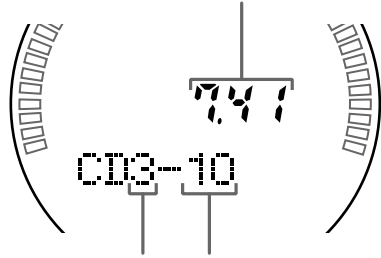


3 ▲

## CD

— / /

CD



/CD

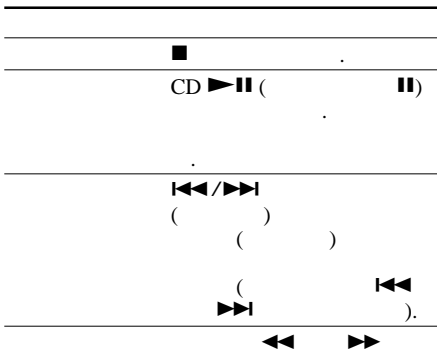
1 FUNCTION  
CD

2 가  
PLAY MODE/DIRECTION

ALL DISCS	CD
( )	
1 DISC	CD
( )	
ALL DISCS SHUFFLE	CD
( )	
1 DISC SHUFFLE	CD
( )	
PGM	CD
( )	" CD (11 " )

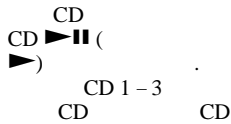
3 CD ►|| ( ►)

CD ( )



CD • CD 1-3

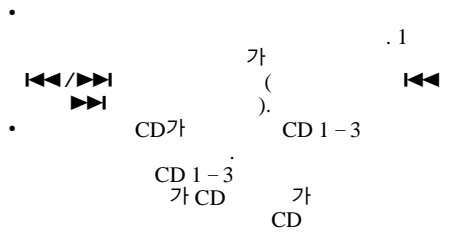
• DISC SKIP  
CD 1-3



CD CD 1-3 ▲  
CD가

"REPEAT"  
 ( ) "REPEAT 1"  
 REPEAT  
 REPEAT\*: CD

REPEAT 1:  
 "REPEAT"  
 "REPEAT 1"  
 REPEAT



\* "REPEAT" "ALL DISCS SHUFFLE"

# CD

25

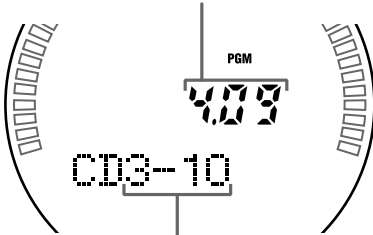
1 FUNCTION  
CD

2 "PGM" DIRECTION PLAY MODE/

3 CD 1-3 CD

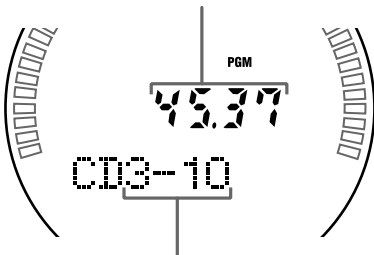
CD "AL"

4 가 ( )



5 CD  
ENTER/YES

"STEP" 가



6 가 3 5

7 CD ▶|| ( ▶)

"PGM" DIRECTION	"SHUFFLE" PLAY MODE/
CHECK	
"Check End"가	
CLEAR	
가	CHECK
	CLEAR

3 5

가

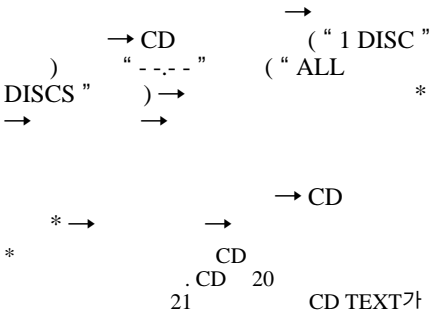
- CD ▶||
- CD 가 21 "..."가
- 100 CD

CD

# CD

DISPLAY  
CD TEXT

:



# CD

—

50 CD 20

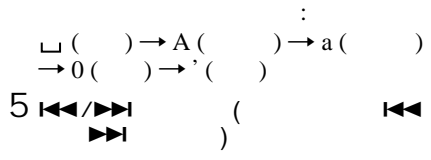
CD

- "CD-TEXT"가 CD
- CD ( )

- 1 FUNCTION CD
- 2 CD가 DISC SKIP "SHUFFLE" "PGM"

PLAY MODE/DIRECTION

- 3 NAME EDIT/CHARACTER 가
- 4 NAME EDIT/CHARACTER



▶▶

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

6 ▶▶

5

가

7 4 6

가

4 6

◀◀ ▶▶

◀◀ ▶▶

가  
CLEAR

8 ENTER/YES  
가

1 7 MENU/NO

1 MENU/NO

2 "Name Check ?"  
▶▶ ( ) ◀◀/  
▶▶ ENTER/  
YES

3 ◀◀/▶▶ ( ) 01 50 ▶▶

SCROLL

1 MENU/NO

2 "Name Erase ?"가  
◀◀/▶▶ ( )  
◀◀ ▶▶  
ENTER/YES

3 ◀◀/▶▶ ( ) ▶▶

"No Name"

4 ENTER/YES

"Complete!"가

"All Erase?"가  
( )  
2  
◀◀/▶▶  
▶▶ ENTER/YES

1 3 MENU/NO

CD



20 FM 10 AM

1 TUNER/BAND  
"FM" "AM"  
TUNER/BAND

2 "AUTO"가 <<>>

3 <<>> 가  
가  
"TUNED" "STEREO" (  
)가

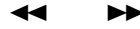
4 MENU/NO

5 "Memory?"가 <<</>>>  
( ) <<<  
>>> ENTER/  
YES 가  
1



6 ENTER/YES  
"Complete!"가

7 1 6



가

2 <<< >>>  
"MANUAL" <<< >>>

1 <<</>>> ( . 5  
<<< >>> )

AM ( )  
AM 9 kHz  
( . AM 10 kHz)  
AM

MONO

AM

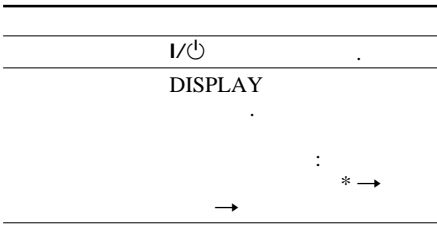
. STEREO/



(14  
 ”  
 ).  
 1 TUNER/BAND  
 “FM” “AM”  
 2 ◀◀/▶▶ ( ▶▶ )  
 ( \*\* ) \* RDS  
 \*  
 ( ” “  
 ).  
 \*\*

• FM  
 STEREO/MONO  
 가

“MONO”



\*  
 ( ” “ ) RDS ( RDS )  
 ” “ )

• 2 ◀◀ ▶▶  
 “MANUAL”  
 ◀◀ ▶▶ ( )  
 ).

• 2 “AUTO”가  
 ▶▶ 가  
 가  
 ( ) .

◀◀ ▶▶

# (RDS)

( )

?

12  
( ).

(RDS)

1

가

" (15 " )

2 12

" CD "

3

8

.RDS

FM

RDS

\*

1

2

NAME EDIT/CHARACTER

가

RDS  
RDS

3

CLEAR

\*

FM

RDS

4

ENTER/YES

.RDS

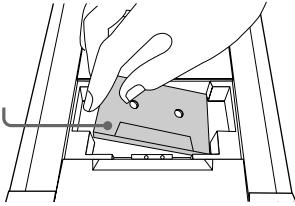
RDS

FM

RDS



1



2

1 FUNCTION  
TAPE

2

↔\*1)가  
DIRECTION

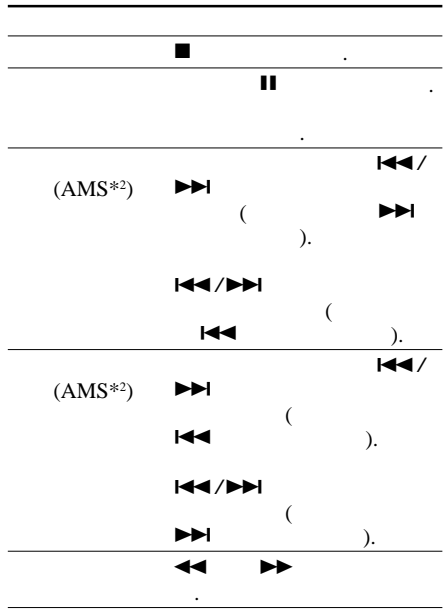
3 TAPE ◀▶ ( ▶ )

↔가  
↔ ( )  
PLAY MODE/  
DIRECTION

▶ TAPE ◀▶ ( ▶ )

\*1

가



\*2 (Automatic Music Sensor: AMS) 4

TYPE I ( ), TYPE II ( )  
TYPE IV ( )

- 가
- 가
- AMS
- TV가 4 가



# CD

## — CD-TAPE

- 1 가
- 2 CD
- 3 CD SYNC
- CD
- TAPE ◀▶
- 4 ⇔가  
DIRECTION      ⇔가  
PLAY MODE/
- 5 REC PAUSE/START



- 
- 
- 
- 
- “CD . 2 ” CD  
11 1 6
- 4

- 
- CD 가 가
- 20 CD 가

- 1 CD
- 2 FUNCTION CD
- 3 EDIT “EDIT”가 CD A B

CD

1 가  
2 FUNCTION

3 REC PAUSE/START  
가

4 TAPE ◀▶  
가  
DIRECTION  
PLAY MODE/

5 REC PAUSE/START

(14 " ")  
(8 " ")  
1 )

(15 " ")  
2 )

CLOCK/TIMER SET

"DAILY SET ?"  
3 ◀▶/▶▶ ( ▶▶ )  
"REC SET ?"  
ENTER/YES

"ON" 가

4  
◀▶/▶▶ ( )  
▶▶ ENTER/YES

가  
◀▶/▶▶ ( )  
▶▶ ENTER/YES

5 4

( )

6 가

7 1/0

---

CLOCK/TIMER  
SELECT ◀◀/▶▶

( )  
◀◀ ▶▶  
“REC SELECT?”  
ENTER/  
YES

---

1

---

CLOCK/TIMER  
SELECT ◀◀/▶▶

( )  
◀◀ ▶▶  
“TIMER OFF”  
ENTER/YES

---

- ( 30 )
- 30
- 

— GROOVE

GROOVE  
“GROOVE”가 (DBFB

),  
GROOVE

DBFB

GROOVE

— DBFB

DBFB\*  
“DBFB”가

DBFB

\* DBFB: Dynamic Bass Feedback

DBFB

SURROUND  
“SURROUND”가  
SURROUND

1 BASS/TREBLE

2 ◀▶

7 (-3 +3 )



MUSIC MENU

“ ”

1 BASS/TREBLE

2 ◀▶

7 (-3 +3 )

“FLAT”

MUSIC MENU

BASS TREBLE 0

“SURROUND”가

ROCK

POP

JAZZ

DANCE

SOUL

ACTION

DRAMA

GAME

SF

FLAT

SLEEP

(

)  
:

SLEEP OFF → AUTO\* → 90min →  
80min → ... → 10min

\* CD ( 100 )  
TUNER 100

---

SLEEP

---

SLEEP

---

“SLEEP OFF”가  
SLEEP

---

“AUTO”

(8 “ ”)  
1

• CD: CD

“CD” (11)  
).

• :  
• : (15 “ ”).

2 VOLUME ( )  
VOL+ -

3 CLOCK/TIMER SET

“DAILY SET ?”

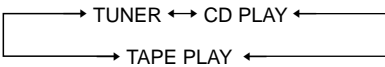
4 ENTER/YES 가  
“ON”

5  
◀◀/▶▶ ( )  
◀▶ ENTER/YES

가  
◀◀/▶▶ ( )  
◀▶ ENTER/YES

6 5

7 ◀◀/▶▶ ( ▶▶ )



8 ENTER/YES

9 I/⏻

CLOCK/TIMER  
SELECT  
"DAILY SELECT?"  
◀◀/▶▶ ( ▶▶ )

ENTER/YES

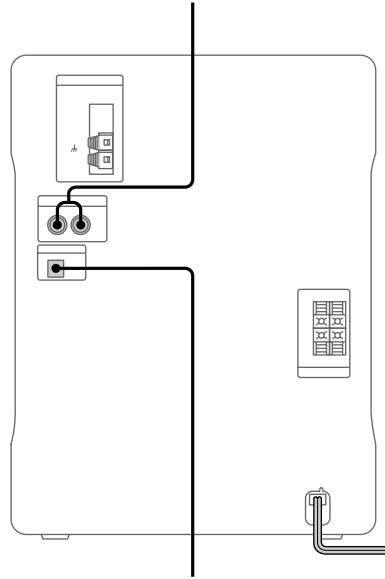
1

CLOCK/TIMER  
SELECT  
"TIMER OFF"가  
◀◀/▶▶ ( ▶▶ )

ENTER/YES

• 30 가

• ( 30 )



( )



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

MD	MD
VIDEO	

• 가 AC ( )

•

• 가

• AC

•

•

가

•

•

— 가

— 가

—

—



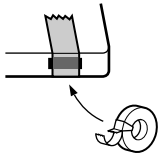
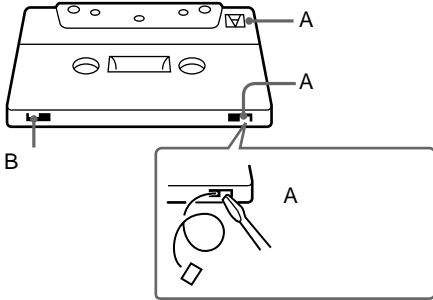
— 가 CD  
 — 가 CD  
 가 가 CD  
 ( , , , )  
 CD  
 CD-R/CD-RW  
 CD-R/CD-RW  
 가 CD  
 가 가 CD  
 .CD 가 가  
 가 가  
 Sony 가 가 가  
 가  
 90  
 TV 가  
 15 30 TV  
 TV 가 가  
 가 TV  
 가

( )



가

A B



10

20 30

가 가

가 Sony

---

• VOLUME ( VOL+ ).

• (6 ).

---

가 가

• (6 ).

• ( )

---

“0:00” ( ) “12:00 AM” ( )

• (8 ).

---

• (8 ).

가  
 • CLOCK/TIMER SELECT  
 "DAILY"  
 "REC"가  
 (20 23 ).  
 • (19 22 ).  
 • (22 ).

• 가 가 가  
 • (R6/AA )

"PROTECT" "PUSH POWER"가  
 • I/⏻

CD  
 CD 가  
 • CD  
 • CD 1-3 ▲  
 CD

CD가  
 • 가 Sony

• CD CD가  
 • CD (25)  
 • CD  
 • CD  
 • CD  
 • CD  
 • CD 가  
 • CD ▶||

가  
 • CD (25)  
 • CD  
 • ( ,  
 ) 가 가  
 • 가 가

• "PGM" "SHUFFLE"  
 PLAY MODE/  
 DIRECTION  
 "OVER"가  
 • CD ◀◀

• 가  
 • (26 )  
 • 가

가  
 • 가  
 • / 가 (26 )

가  
 • / 가 (26 )



( )

.....  
.....

가  
..... / ..... 가  
..... (26 .....).

.....  
..... 26 ..... “ ..... ”  
.....  
..... (23 ..... ):  
..... 가.  
.....  
..... 가.  
.....  
.....

가  
.....

..... /

.....  
..... (14 ..... ).  
..... (6 ..... ).  
..... 가  
.....  
..... FM .....  
..... 가  
..... AM 가 ..... 가 Sony  
.....

FM  
.....  
.....  
• STEREO/MONO  
“STEREO”가  
..... “ ..... ” /  
.....

- 1
- 2
- 3 I/⏻
- 4 ■, DISPLAY CD1
- 5 I/⏻
- .....
- CD

가 가

---

CD

---

Cannot Edit  
CD TEXT

---

Name Full  
50

---

No Disc  
CD 1 - 3 CD가

---

OVER  
CD ▶▶

---

Push STOP!  
PLAY MODE/DIRECTION

---

Step Full!  
26 ( )

---

No Tab

---

No Tape  
가

---

Open  
가

---

(HCD-CL3/CL1)

: 0.1% (1 kHz  
6, 25)

HCD-CL3:  
DIN ( ): 80 + 80  
(1 kHz 6, DIN)

RMS ( ): 100 + 100  
(1 kHz 6, 10% THD)

( ): 180 + 180  
(1 kHz 6, 10% THD)

HCD-CL1:  
DIN ( ): 40 + 40  
(1 kHz 6, DIN)

RMS ( ): 50 + 50  
(1 kHz 6, 10% THD)

( ): 95 + 95  
(1 kHz 6, 10% THD)

---

( )

CD

AC 120/220/240 V, 50/60 Hz

( $\lambda=795$  nm)

HCD-CL3:

2 Hz - 20 kHz  
( $\pm 0.5$  dB)

DIN ( ): 80 + 80  
(1 kHz 6 ,  
DIN)

RMS ( ):  
100 + 100  
(1 kHz 6 ,  
10% THD)

4 2  
Sony TYPE I  
40 - 13,000 Hz  
( $\pm 3$  dB)  
 $\pm 0.15\%$  W.Peak (IEC)  
0.1% W.RMS (NAB)  
 $\pm 0.2\%$  W.Peak (DIN)

HCD-CL1:

DIN ( ): 40 + 40  
(1 kHz 6 ,  
DIN)

RMS ( ):  
50 + 50  
(1 kHz 6 ,  
10% THD)

FM  
FM , FM/AM

87.5 - 108.0 MHz  
(50 kHz )  
FM  
75  
10.7 MHz

MD IN ( ): 450 mV,  
47

AM

CD DIGITAL OUT ( :  
32 kHz, 44.1 kHz 48 kHz)

PHONES ( ): 8

: 531 - 1,602 kHz  
( 9 kHz  
)

:  
: SS-SCL1

: 531 - 1,602 kHz  
( 9 kHz  
)

:  
: 6  
16 .

530 - 1,710 kHz  
( 10 kHz)  
AM  
450 kHz

(SS-SCL3/SCL1)

2

: 17 cm,  
: 5 cm,  
6

: 120 V AC, 60 Hz  
: 230 V AC, 50/60 Hz  
: 230 - 240 V AC,  
50/60 Hz  
: 120 V AC, 60 Hz  
: 220 V AC, 60 Hz  
: 120 V, 220 V,  
230 - 240 V AC,  
50/60 Hz

가

:  
CHC-CL1: 100

:  
CHC-CL3: 165

CHC-CL1: 100

CHC-CL3/CL1: 0.5 ( )

:  
CHC-CL3: 165

CHC-CL1: 100

/ / /CD : ( / / )

215 × 285 × 421 mm  
210 × 285 × 260 mm

/ / /CD :  
CHC-CL3: 8.0 kg

CHC-CL1: 7.7 kg

:  
3.8 kg (1)

R6 (AA (1) )

(2)  
AM (1)

FM (1)

(8)

