

Compact Hi-Fi Component System

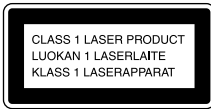


CHC-TB20

가

가

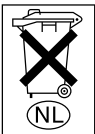
가



¹
(CLASS 1
LASER)



가





..... 4
 5

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

CD

CD 8
 CD
 — / / 9
 CD
 — 10
 CD
 — 11

..... 13

— 15
 — 15
 — 16
 (RDS)
 * 17

..... 18
 18

— CD / / 19
 20

..... 21
 22
 22

— 23
 — 23

— 24
 24
 25

..... 26
 27
 27
 27

..... 28
 30

..... 31
 33

*

PLAY MODE **15** (9, 13, 14)
 ↑ / ↑

A - G

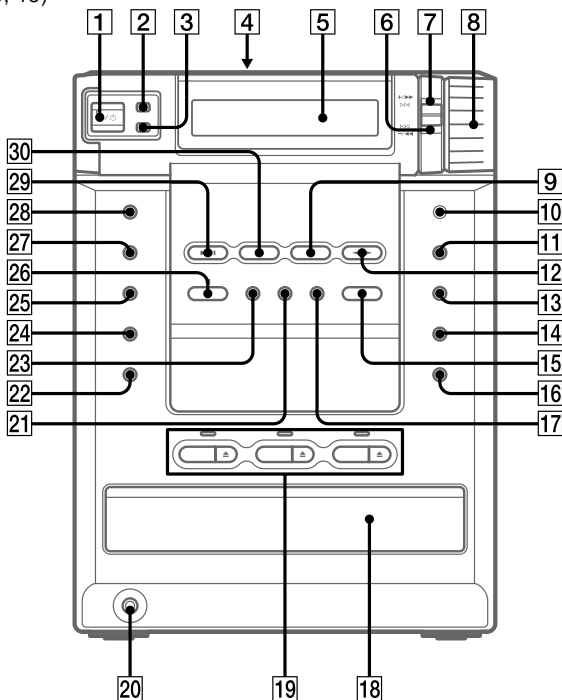
- CD **18** (8)
- CD SYNC **27** (19)
- CD **▶||** **29** (9)
- DBFB **22** (21)
- DIMMER **2** (24)
- DISC 1 - 3 **19** (10)
- DISC 1 - 3 **▲** **19** (8)
- DISPLAY **3** (24)
- 5**
- EDIT **25** (20)
- ENTER/YES **13** (8, 10, 12, 13, 14, 21, 22, 23)
- EQ EDIT **17** (22)
- FUNCTION **15** (9, 18)
- GROOVE **21** (21)

M - Z

- MD (VIDEO) **9** (27)
- MUSIC MENU **23** (22)
- PHONES **20**
- PLAY MODE/TUNING MODE **14** (9, 13, 15)
- REC PAUSE/START **28** (19)
- 10**
- REPEAT/FM MODE **16** (9, 15)
- SURROUND **24** (21)
- 4** (18)

- TAPE **◀▶** **12** (18, 19)
- TUNER/BAND **30** (13, 15)
- TUNER MEMORY / DIRECTION **11** (14, 19)
- VOL **8**

- I/⏻ **1**
- + / **▶▶** **7**
- **26**
- ◀◀** - / **◀◀** **6**



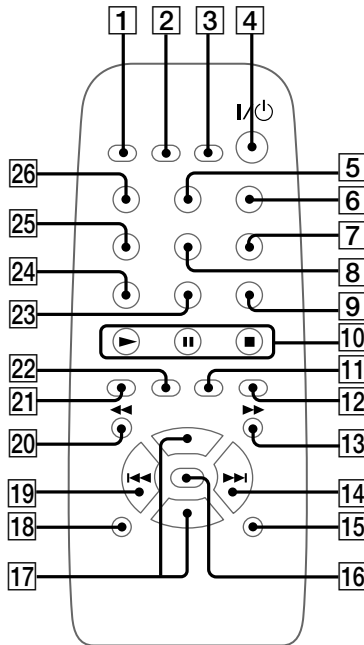
A - G

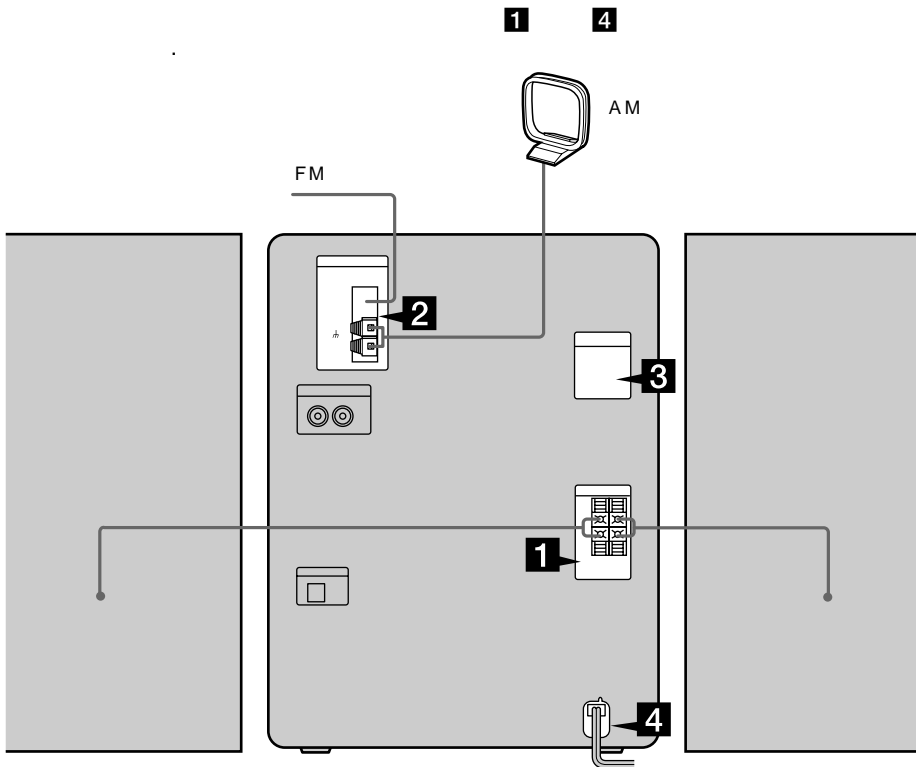
- CHECK **8** (11)
- CLEAR **12** (11)
- CLOCK/TIMER SELECT **2** (21, 24)
- CLOCK/TIMER SET **3** (8, 20, 23)
- DBFB **26** (21)
- DIMMER **23** (24)
- DISC SKIP **9** (9, 11)
- DISPLAY **18** (24)
- ENTER/YES **11** (8, 10, 12, 13, 14, 21, 22, 23)
- FUNCTION **15** (9, 18)
- GROOVE **16** (21)

M - Z

- MENU/NO **21** (13)
- MUSIC MENU **6** (22)
- NAME EDIT/
CHARACTER **22** (11, 16)
- REPEAT **7** (9)
- SCROLL **25** (12, 25)
- SLEEP **1** (23)
- SURROUND **5** (21)
- TUNER/BAND **24** (13, 15)
- VOL +/- **17**

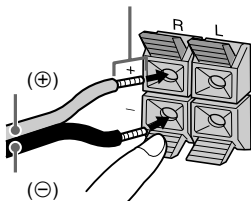
- I/⏻ **4**
- ▶ **10**
- **10**
- ▣ **10**
- ▶▶ **13**
- ▶▶▶ **14**
- ◀◀ **19**
- ◀◀◀ **20**





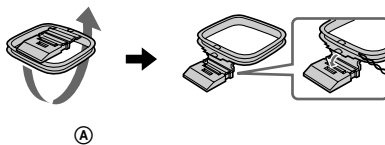
1

SPEAKER



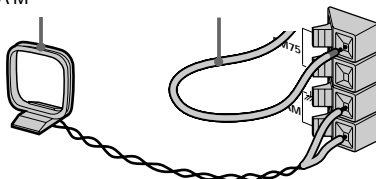
2 FM/AM

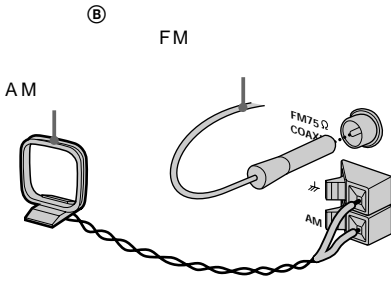
AM



AM

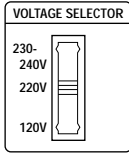
FM





3

가
VOLTAGE SELECTOR



4

가
가 ().
I/O

CD

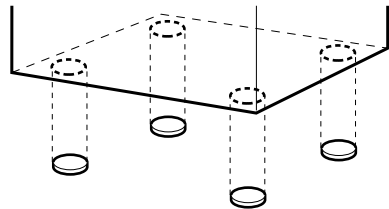
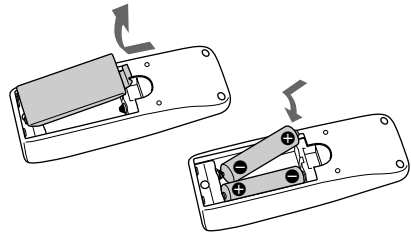
1

2 "CD"가
FUNCTION

3 "LOCK" FUNCTION DISC 1

4

(AA) R6



CD

1
2 CLOCK/TIMER SET

3 ◀◀ ▶▶

4 ENTER/YES
가

5 ◀◀ ▶▶

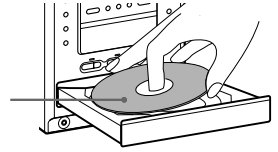
6 ENTER/YES
가

◀◀ ▶▶

1 DISC 1-3 ▲
가

2
CD

CD (8
cm CD)



가 CD

CD ▲

3 ▲

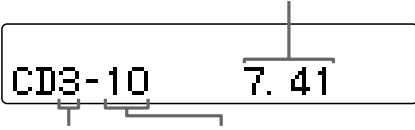
1 CLOCK/TIMER SET

2 ◀◀ ▶▶ "CLOCK
SET?" ENTER/YES

3 3 6

CD

— / / CD

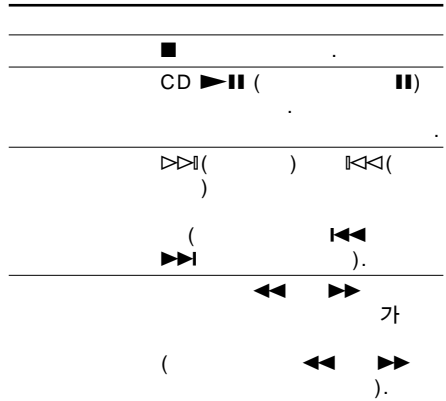


1 FUNCTION
CD

2 가
PLAY MODE/TUNING

MODE	
ALL DISCS () CD	
1 DISC () CD	
ALL DISCS SHUFFLE ()	CD
1 DISC SHUFFLE ()	CD
PROGRAM ()	CD (10 " CD)

3 CD ▶▶ (▶)



CD • DISC 1-3

• DISC SKIP
DISC 1-3

CD
CD ▶▶ (▶)
DISC 1-3
CD CD

CD DISC 1-3 ▲

CD가

"REPEAT"
() "REPEAT 1"
REPEAT/FM MODE
REPEAT*: CD

REPEAT 1:

"REPEAT"
"REPEAT 1"
REPEAT/FM MODE

* "REPEAT" "ALL DISCS SHUFFLE"

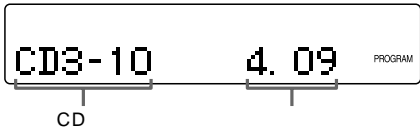
/CD

CD ()

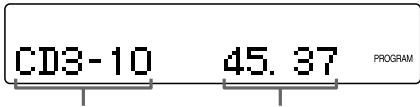
. 1 가
 . ()
 . CD가 DISC 1-3 가
 , DISC 1-3 CD 가
 CD가

CD

—
 25
 1 FUNCTION CD
 2 "PROGRAM" MODE/TUNING MODE PLAY
 3 DISC 1-3 CD
 CD
 "AL"
 5
 4 가 ()
 가 ()



5 ENTER/YES
 "STEP" 가



6 가 3 5

7 CD ▶▶ (▶)

"PROGRAM"
"SHUFFLE"
PLAY MODE/TUNING
MODE

CHECK

"Check End"가

CLEAR

가
CHECK
CLEAR

3 5

가

CD ▶▶

• CD 가 21 100 CD
"-----"가

CD

50 CD 20

CD

• "CD-TEXT"가 CD

• CD

(13 ")

1 FUNCTION
CD

2 CD가
DISC SKIP

"SHUFFLE"
"PROGRAM" PLAY
MODE/TUNING MODE

3 NAME EDIT/CHARACTER

가

4 NAME EDIT/CHARACTER

□ () → A () → a ()
) → 0 () → ' ()

CD

CD ()

5 I◀◀ ▶▶I

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

▶▶

6 ▶▶

5

가

7 4 6

8 ENTER/YES
가

4 6
가

▶▶ 4 ◀◀

6

4 6
가

◀◀ ▶▶ 가
CLEAR

MENU/NO

1 FUNCTION CD

2 CD가
DISC SKIP

3 MENU/NO

4 "Name Check?"가
I◀◀ ▶▶I
ENTER/YES

5 50 I◀◀ ▶▶I 01

SCROLL

1 FUNCTION CD

2 CD가
DISC SKIP

3 MENU/NO

4 "Name Erase?"
◀◀ ▶▶
ENTER/YES

5 ◀◀ ▶▶

"No Name"

6 ENTER/YES
"Complete!"

4 "All Erase?"가
◀◀ ▶▶
ENTER/YES

MENU/NO

20 FM 10 AM

2가

1 TUNER/BAND "FM"
"AM"

2 "AUTO"가 PLAY
MODE/TUNING MODE

3 ◀◀ ▶▶ ◀◀ ▶▶
()가 가

"TUNED" "STEREO"(
)가

"TUNED"가

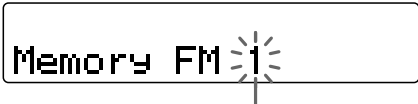
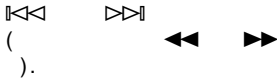
14 " 2 7

CD /

()

4 TUNER MEMORY/DIRECTION

5



6 ENTER/YES
"Complete!"가

7 1 6

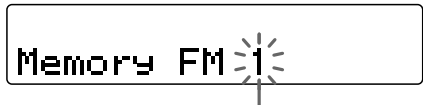
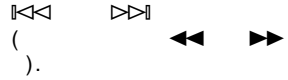
1 TUNER/BAND
"FM" "AM"

2 "AUTO" "PRESET"
PLAY MODE/TUNING MODE

3 ()

4 TUNER MEMORY/DIRECTION

5



6 ENTER/YES
"Complete!"가

7 1 6

가	"	"
MENU/NO		
PLAY MODE/TUNING MODE		
1		
1		

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

REPEAT/FM MODE

AM

AM

(16)

가



—

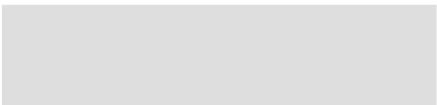
1 TUNER/BAND "AM" "FM"
2 "PRESET" MODE/TUNING MODE PLAY
3 ⏪ ⏩ ()
RDS (**)
*
*(16 ")
**

—

1 TUNER/BAND "AM" "FM"
2 "PRESET" "AUTO"가 PLAY MODE/TUNING MODE
3 ⏪ ⏩ ()
⏪ ⏩

—

()



- FM REPEAT/FM MODE "MONO"가

- "AUTO"가 TUNING MODE 가 가 () .
- PLAY MODE/ () .

- 1 (14) () .
- " (15) "
- 2 11 "CD "
- 3 8

MENU/NO

- 1
- 2 NAME EDIT/CHARACTER
- 3 CLEAR
- 4 ENTER/YES

(RDS)

()

?

(RDS)

가

*

RDS

. RDS FM
**

RDS
RDS

가

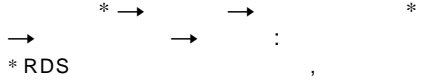
- * NEWS(), AFFAIRS(),
- (), INFO(), SPORT(),
- EDUCATE(), DRAMA(),
- (), CULTURE(), SCIENCE(),
- VARIED(), POP M(),
- ROCK M(), EASY M(),
- LIGHT M(), CLASSICS(),
- OTHER M(), WEATHER(),
- FINANCE(), CHILDREN(),
- SOCIAL(), RELIGION(),
- PHONE IN(), TRAVEL(),
- LEISURE(가), JAZZ(),
- COUNTRY(), NATION M(가),
- OLDIES(), FOLK M(),
- DOCUMENT(), TEST(),
- ALARM()
-) NONE()
- ** FM RDS

. RDS

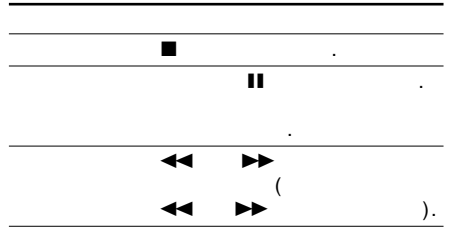
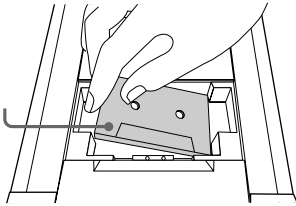
RDS

FM
RDS

RDS
DISPLAY



1



- -
- 가

2

TYPE I()

1 FUNCTION
TAPE

2

(↔)*가
MEMORY/DIRECTION

↔가
↔ (TUNER

3 TAPE ◀▶ (▶)

▶) TAPE ◀▶ (

* 가

— CD / /

CD, . TYPE I()

	CD (CD)	CD ()/
1	가	
2	DISC 1-3▲	FUNCTION
3	CD	CD()
4	CD SYNC	REC PAUSE/START
	TAPE ◀▶	
5	TUNER MEMORY/DIRECTION ⇌	
	⇌(⇌)	
6	REC PAUSE/START	REC PAUSE/START

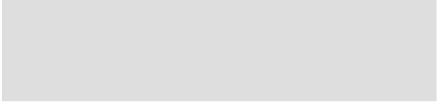


• CD :

가

()

CD



—

1 가 CD

2 10 "CD CD "

2 6

3 CD SYNC

CD

4 ⇐가 ⇐(⇐)

TUNER MEMORY/

DIRECTION

5 REC PAUSE/START

CD CD EDIT 가

CD A B

()

가 20

(13 ")

(8 ")

1 (15 " ")

2 CLOCK/TIMER SET

"DAILY SET?"

3 SET?" ⏪ ⏩ "REC ENTER/YES

"ON" 가

4 ⏪ ⏩ ENTER/YES

가 ⏪ ⏩ ENTER/YES

5 4

6 가

7 1/2

CLOCK/
TIMER SELECT
◀◀ ▶▶
"REC
SELECT?"
ENTER/YES

1

CLOCK/
TIMER SELECT
◀◀ ▶▶
"TIMER OFF"
ENTER/
YES

가

30

가

30

— GROOVE

GROOVE
"GROOVE"가
(DBFB
)
GROOVE

DBFB

GROOVE ON

— DBFB

DBFB*
"DBFB"가

DBFB

* DBFB: Dynamic Bass Feedback

DBFB ON

SURROUND
"SURROUND"가
SURROUND

MUSIC MENU

" " "

"SURROUND"가

- ROCK
- POP
- JAZZ
- DANCE
- SOUL

- ACTION
- DRAMA
- GAME
- SF

FLAT

P FILE

"FLAT"
MENU

MUSIC

(P FILE)

1 EQ EDIT
"LOW"가

2 <<< >>>
, EQ EDIT
가 "MID"가

3 <<< >>>
, EQ EDIT
가 "HIGH"

4 <<< >>>

5 ENTER/YES

(P FILE)

4 EQ EDIT

SLEEP
)
)
 :
 AUTO* → 90min → 80min → ... → 10min
 → OFF
 * CD ()
 100)
 100 TUNER

SLEEP

**

SLEEP

"SLEEP OFF"가
 SLEEP

**"AUTO"

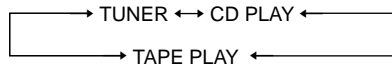
(8 " ")
 1

• CD: CD
 "CD" (10
)
 • :
 • :
 (15 ")

2 VOL+ -
 3 CLOCK/TIMER SET
 "DAILY SET?"
 4 ENTER/YES
 "ON" 가

5
 ◀▶
 ENTER/YES
 가
 ◀▶
 ENTER/YES

6 5
 7 ◀▶



()

8 ENTER/YES

9 I/⏻

CLOCK/
TIMER SELECT
"DAILY
SELECT?"

▶▶ I◀◀
ENTER/YES

1

CLOCK/
TIMER SELECT
"TIMER OFF"가

I◀◀ ▶▶
ENTER/
YES

- 30 가
- 30
- 가



—

(

)

).

(

DISPLAY

DISPLAY

→

* →

()

*

"-:-:-"

I/⏻



1

DIMMER

2

I◀◀

▶▶

I◀◀

▶▶

)

0 10 11



()

CD

DISPLAY

CD TEXT 가

→ * → → *

* ")가 (RDS) (17 "

(CD)

DISPLAY

SCROLL

→ CD →

("1DISC") "-----"

("ALL DISCS") →

* → →

• 11 "CD

• 16 "

CD 20
21

CD TEXT

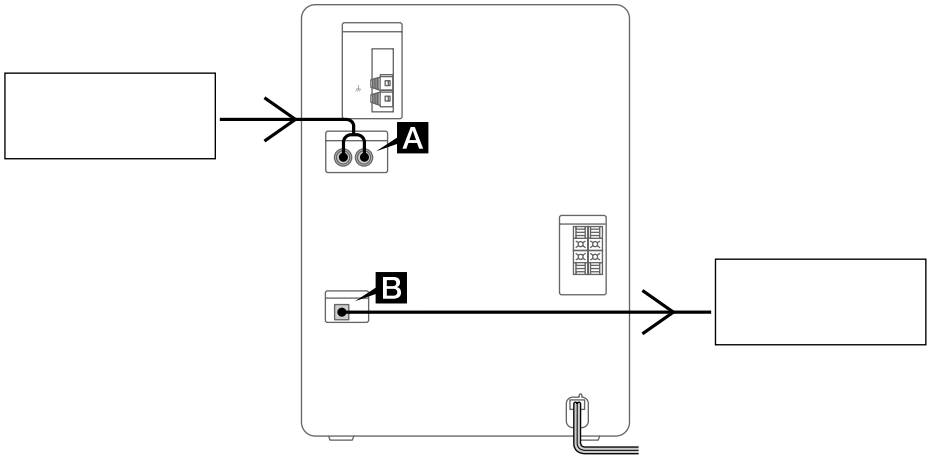
(CD)

DISPLAY

→ CD

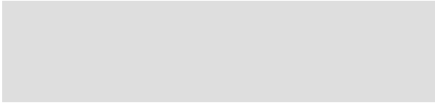
* → →

* CD



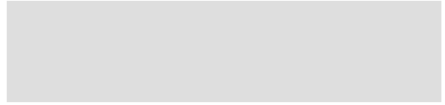
A MD(VIDEO) IN
 (MD () VCR)

B CD DIGITAL OUT
 (, (MD))

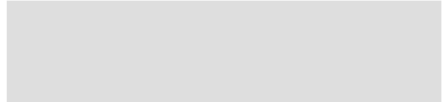


1
26 " " .
2 MD(VIDEO) MD

- FUNCTION I/⏻
"VIDEO"
- "VIDEO" 가 , "MD" "MD"



1
26 " " .
2 . " "



1
26 " " .
2 19 " "

- FUNCTION I/⏻
"VIDEO"
- "VIDEO" 가 , "MD" "MD"





가

가 가

가 Sony

DISPLAY

() (24)

"----"

(8

• VOL VOL+) (

(6

가 가

(6

가

()

(8

가

CLOCK/TIMER SELECT

"DAILY" "REC"가
(21 24)

(21 24)

가 가 가

(R6/AA)

"PROTECT" "PUSH POWER"가

• I/⏻

(6

CD

CD 가

• CD

DISC 1-3 ▲

CD

가

CD가

• 가 Sony

• CD CD가

(32

• CD

• CD

CD

• CD 가

• CD ▶▶

가
 • CD (32
).
 • CD
 • (,
) 가 가
 • 가 가

• "PROGRAM"
 "SHUFFLE"
 PLAY MODE/TUNING
 MODE
 가 "LOCKED" 가
 • Sony Sony 가
 Sony

• (32)
 가

가
 • 가
 • / 가 (32)
 가

• / 가 (32)
 가

• 가
 가

• / 가 (32)
 가

• 28 "
 " "
 • (26):
 - 가.
 - 가.
 •
 •

가
 •

가

/

• (13)
 • (6
)
 • 가

• FM
 • 가
 • AM 가 가 Sony
 •

FM

• REPEAT/FM MODE
 "STEREO"가
 • " /

가

()

1

2

3 I/⏻

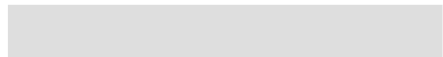
4 ■, I/⏻ ENTER/YES

5

6

, I/⏻

CD



가 가

CD

Cannot Edit

• CD TEXT

• 20

Name Full

50

No Disc

DISC 1 - 3

CD가

NO STEP

OVER

CD



Push STOP!

PLAY MODE/TUNING MODE

Step Full!

26 ()

TAPE

No Tab

No Tape

가

Open

가



가 AC ()

가

• AC

가

가
가

(,)

가

가

가 가

가

가 가^{CD}

CD

가

가 Sony

TV

가 15 30

TV

TV

TV

가



()

CD

•

CD

•

가

CD

•

• CD

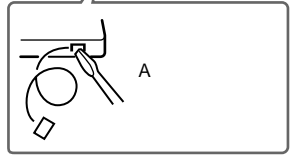
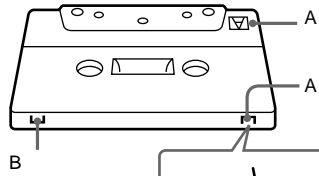
•

(, ,)

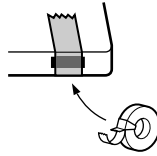
CD-R/CD-RW

CD-R/CD-RW

A B



가



10

가 가 가

90

가 가

20 30

(HCD-TB20)

4 2
50 – 13,000 Hz
(±3 dB),
Sony TYPE I

±0.15% W. Peak
(IEC)
0.1% W. RMS (NAB)
±0.2% W. Peak (DIN)

DIN (): 45 + 45
(1 kHz 6 ,
DIN)
RMS ():
60 + 60
(1 kHz 6 ,
10% THD)
(): 120 + 120
(1 kHz 6 ,
10% THD)

FM , FM/AM

FM

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

AC 120/220/240 V, 50/60 Hz :
DIN (): 40 + 40
(1 kHz 6 ,
DIN)

AM

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

: 531 – 1,602 kHz 9
(kHz)
: 531 – 1,710 kHz 9
(kHz)

MD(VIDEO)IN ():
450 mV
(250 mV), 47

: 530 – 1,710 kHz 10
(kHz)

PHONES():
8

: 531 – 1,602 kHz 9
(kHz)

SPEAKER: 6 16

: 530 – 1,710 kHz 10
(kHz)
AM

CD

450 kHz

(λ=795 nm)

CD DIGITAL OUT

:
2 Hz – 20 kHz
(±0.5 dB)

(,)
660 nm

()

(SS-TB20) 2 ,

: 15 cm,
: 5 cm,
6

(SS-TB50) 2 ,

: 15 cm,
: 5 cm,
6

: 230 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

: 120
: 0.5 ()
: 100

(/ /)
/ / /CD : 215 × 285 × 386 mm
SS-TB20: 205 × 285 × 220 mm
SS-TB50: 205 × 285 × 240 mm

/ / /CD :
SS-TB20: 7.7 kg
3.0 kg ()
SS-TB50: 3.5 kg ()

(1)
R6 (AA)
(2)
AM (1)
FM (1)
(8)

