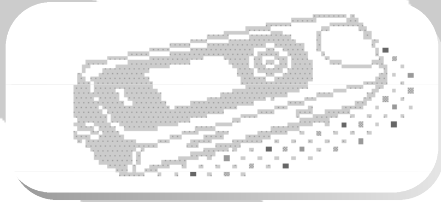


inkel

MF-250

Portable Digital Music Player



B

가

1. 1 [.....4]

3 [/16]

2 [/12]

MP3/FM

4 [FM23]

PRESET /
STEREO/MONO

FM

FM

FM

FM

5 [.....29]

PC

Install Disc

Program

USB

PC

Firmware Upgrade

1 [General34]

Repeat Mode

FM Band

Sleep Time

Power Off Time

Resume

Load Default

2 [Display37]

LCD Contrast

Back-light Color

Back-light Time

Scroll Speed

Play Time

ID3-Tag

Lyrics

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3 [Sound42]

EQ

User EQ

3D-Sound

Intro Time

Sound Fade In

Sound Balance

Output Control

Speed Control

Play List

4 [Encode47]

Line Encoding

Mic Encoding

FM Encoding

5 [Delete50]

One Delete

All Delete

Format

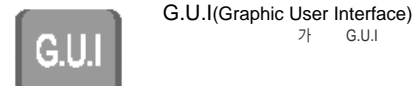
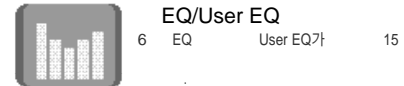
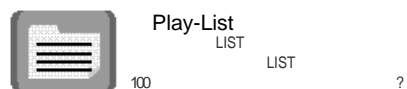
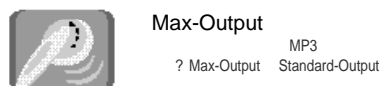
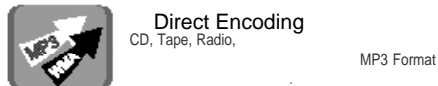
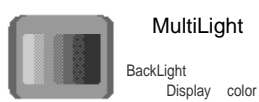
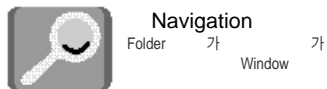
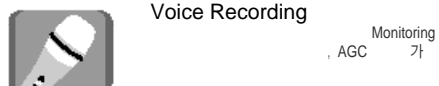
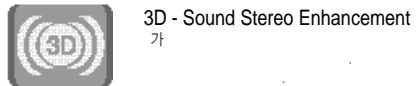
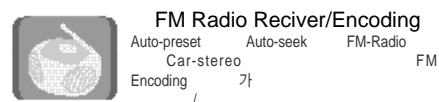
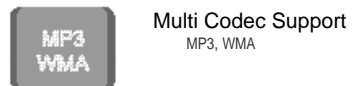
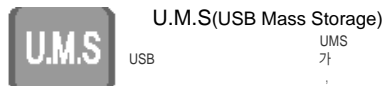
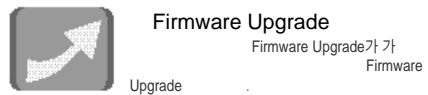
6 [About52]

F/W Version

Memory Size

7 [.....53]

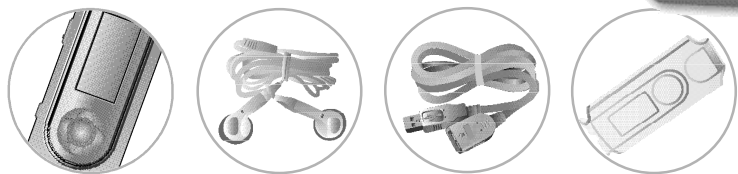
A/S



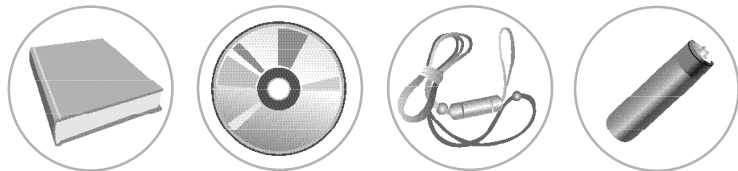


- 1.
2. 가 (60)
- 가
- 가
3. 가
4. 가 가
5. 3
-
6. 가 가 , SHORT
-
7. 3 가 가 가

1. , , 가 가 ,
2. 가 ,
3.
1. 가 , ,
2. 가
3. 가
4.

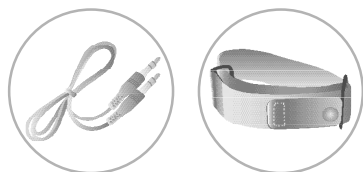


USB



CD

(AAA)

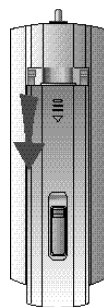


CD

가

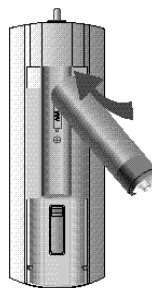
" AAA ", LR03, UM-4

1

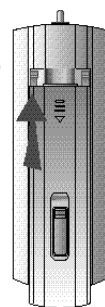


()

2



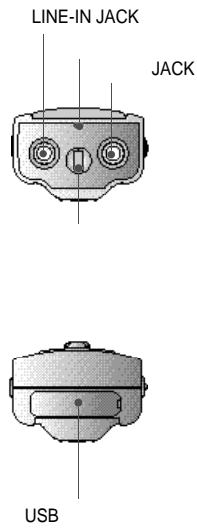
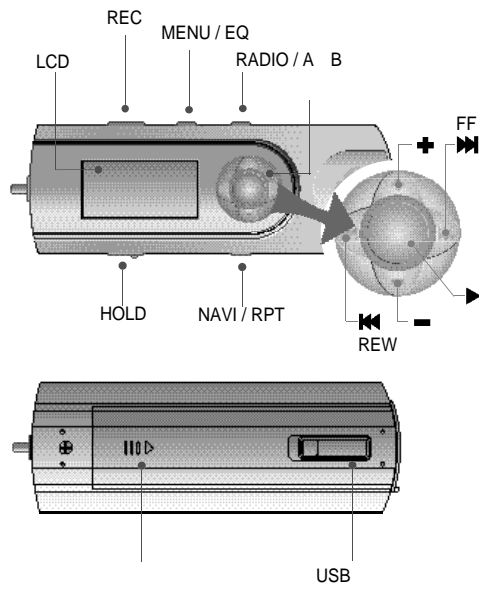
3



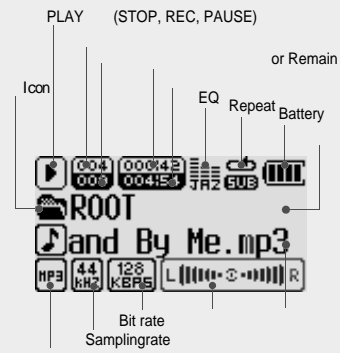
()



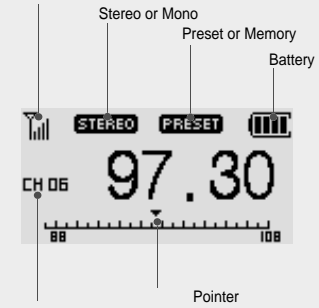
(LCD)



MUSIC LCD

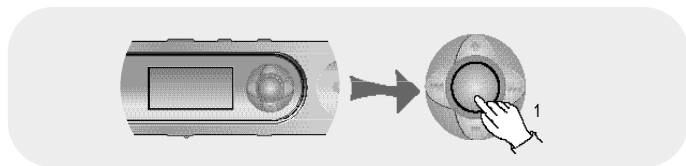


FM LCD

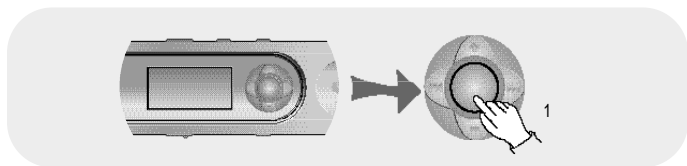


1. PLAY 1

2.



1. General Power off time (p.35) 2. ·PLAY 1 , FM 1



1.

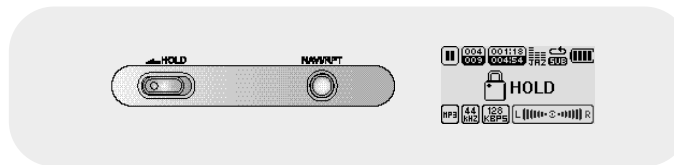
· HOLD 가



가

2.

· HOLD 가

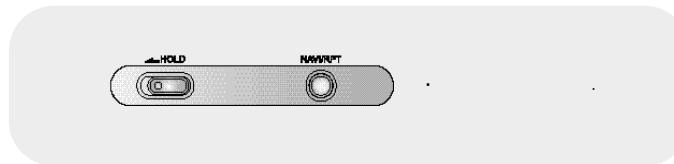


· HOLD

가

2.

1.



13

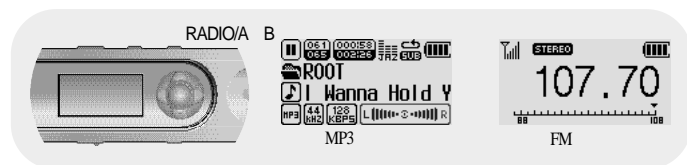
12

MP3/FM

1. RADIO/A B 1

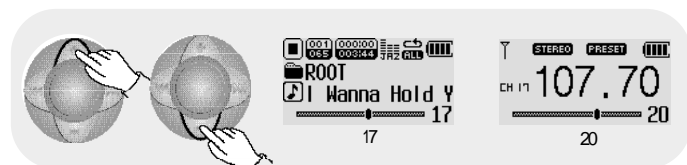
2.

/ FM



1. (+) (-)

(+)
(-)
0 30



1.
2.

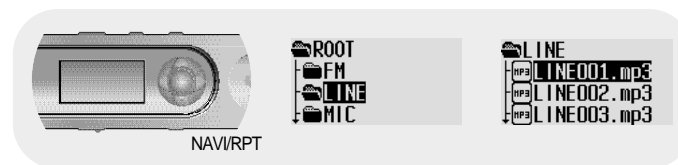
Output Control On, Off
On

Off
p.45

1. NAVI/RPT 1

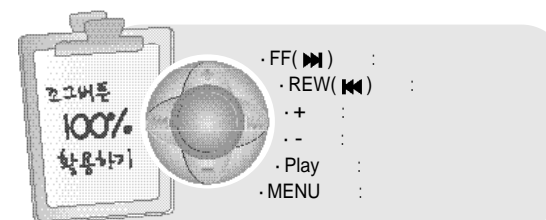
2.

Play



PC

NAVI/RPT



· FF(▶▶) :
· REW(◀◀) :
· + :
· - :
· Play :
· MENU :

15

STOP PAUSE

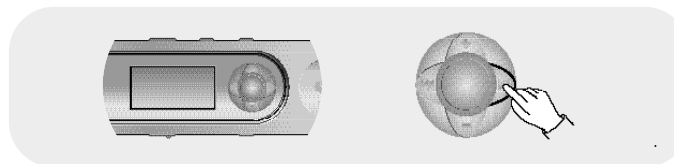
1. PLAY

3. /

3. /



1. FF (⏮)

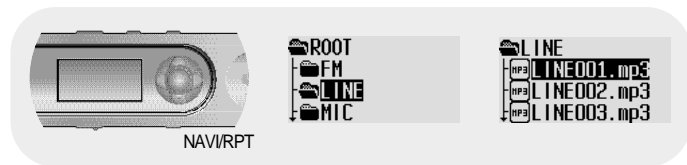


3. /

3. /

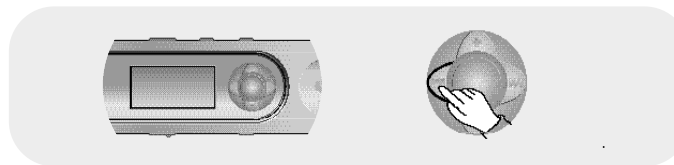
1. NAVI/RPT 1

Play



1. REW (⏮)

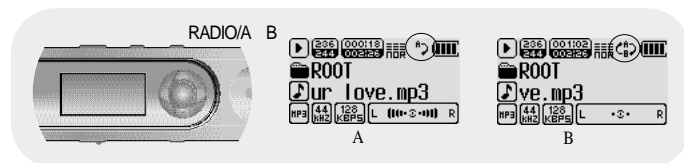
10



- 1.
- 2.
- 3.

RADIO/A B

RADIO/A B

RADIO/A B
가

3

MP3

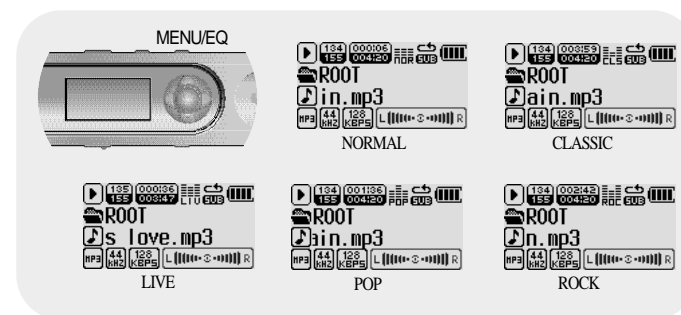


?

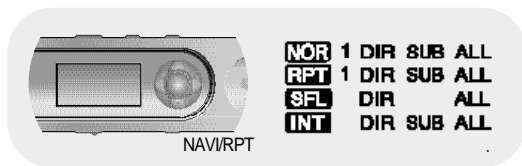
EQ

1. MENU/EQ

NOR ELS LTV POP ROC



1. NAVI/RPT



ONE:
 DIR: Directory
 SUB: Directory
 ALL: _____
 NOR:
 RPT:
 SFL:
 INT: 5, 10, 20

1. MENU/EQ

2. Display Scroll Speed
 · REW, FF Slow, Normal, Fast

Play



: MIC MP3

1. REC 1 .(Mic .)

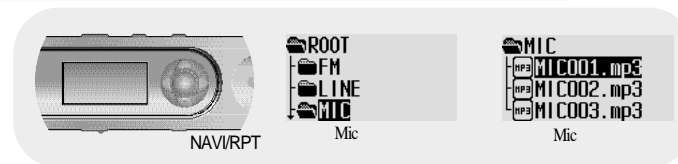
2. PLAY

3. REC

4. NAVI/RPT

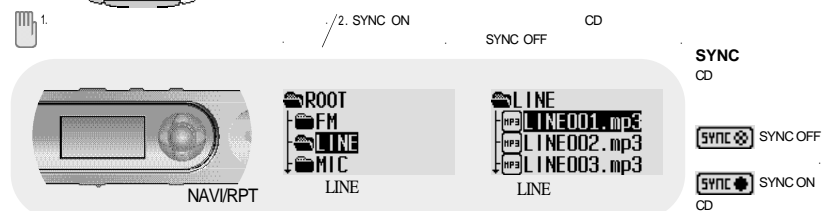
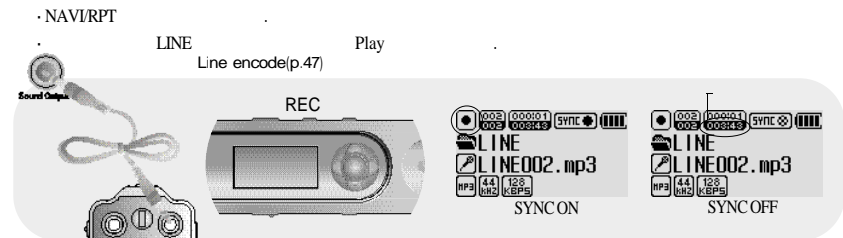
MIC Play

MIC encode(p.48)



1. LINE IN CABLE
 2
 3 (EXT-MIC)

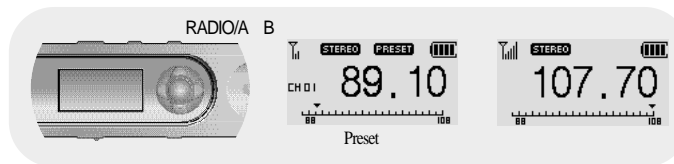
- 1. Sound Output Line in Cable
- 2. REC
- 3. Play
- 4. REC
- 5.



Preset

FM 1 FM RADIO/A B

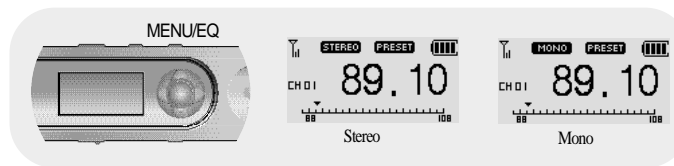
- 1. PLAY
- Preset



4. FM

STEREO/MONO

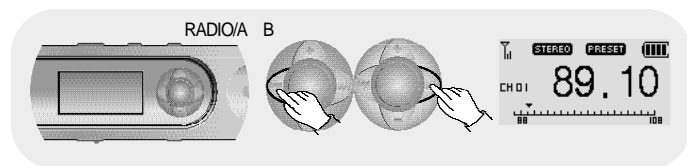
- 1. MENU/EQ



FM

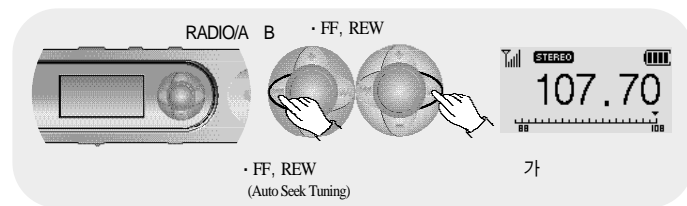
1. PRESET

FM PLAY PRESET
 • FF, REW
 PLAY PRESET 가



1.

PLAY PRESET 가
 • FF, REW (0.1MHz 0.05MHz)
 • FF, REW 가
 Play



FM

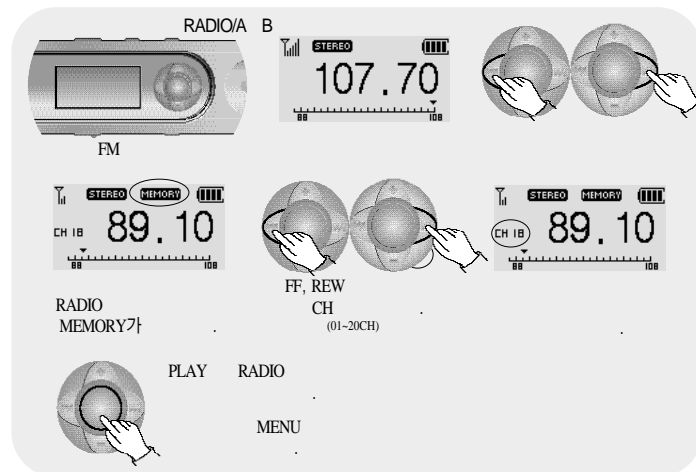
1.

2

3. RADIO/A B Memory CH 가

4. FF, REW CH

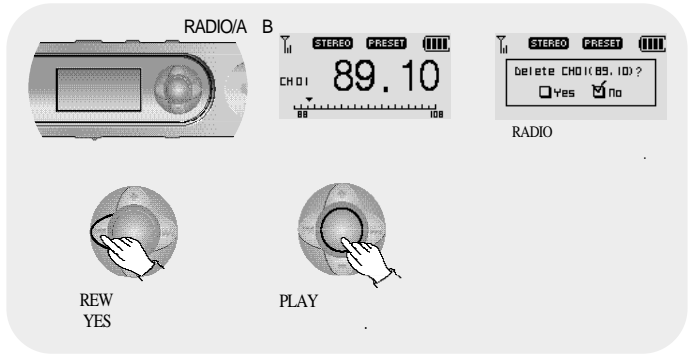
5. PLAY



PRESET-CH 20

FM

- 1. PRESET
- 2.
- 3. RADIO/A B
- 4. REW YES
- 5. PLAY

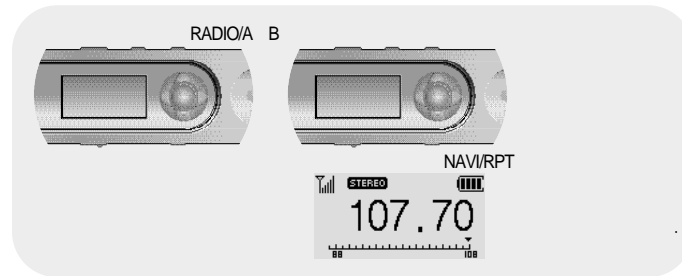


20 CH PLAY PRESET

4. FM

FM RADIO/A B

- 1.
- 2. NAVI/RPT
- 3.



1. FM FM

FM

1. REC

REC

2. FM

Play

3.

(RADIO/A B

FM

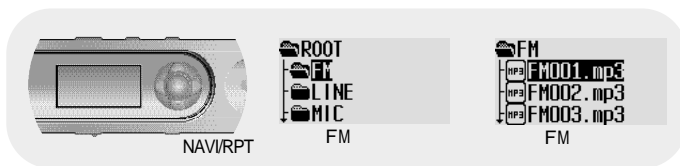
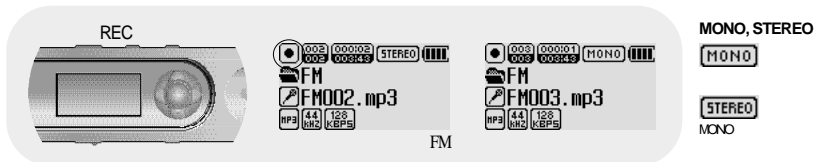
MP3

)

NAVI/RPT

FM

Play



PC

- Microsoft Windows 98/98SE/ME/2000/XP

- CD-ROM

- Pentium 200MHz

- RAM 32MB (ME, 2000 XP 64MB)

- 20MB (가)

- 가 USB (USB1.1)

Windows 98, 98SE Install Disc



Install Program

Windows ME / Windows 2000 / Windows XP / LINUX Kernel 2.4.X.X / Mac 9.0

Install drive 가

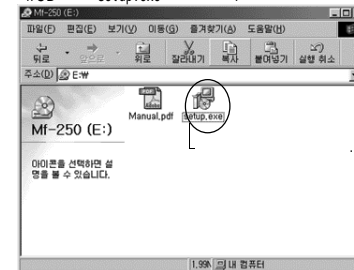
· Windows 98

Digital Audio Player

가

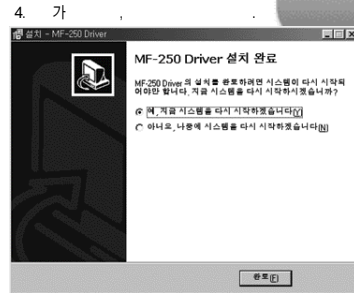
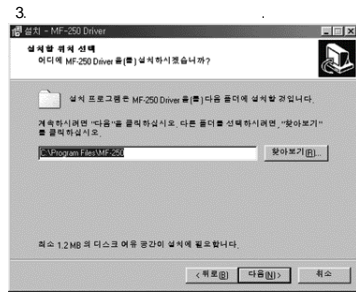
· Windows 2000/XP

1. CD setup.exe

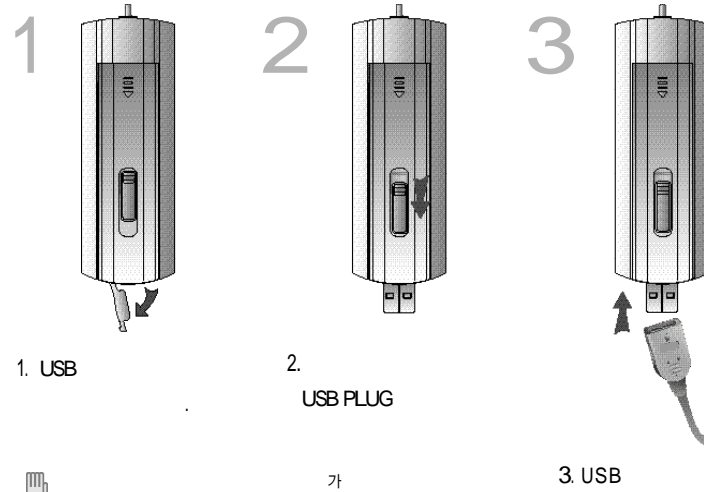


2. MF-250 Driver



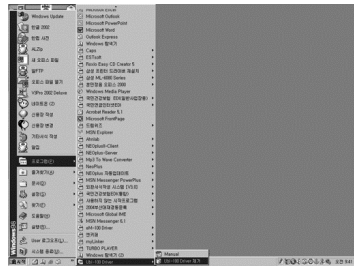


USB

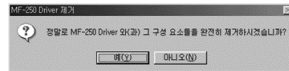


Program (uninstall)

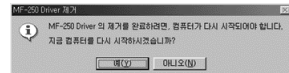
1. MF-250 Driver



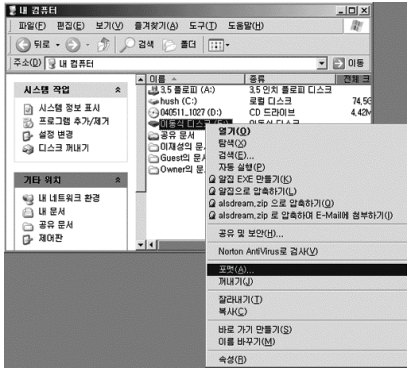
2. MF-250 Driver



3. MF-250 Driver



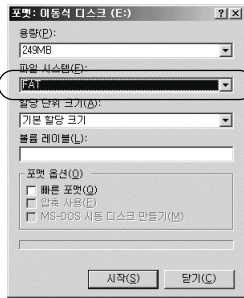
1 USB



PC Format USB (LINE, FM, MIC, PLAY-LIST)가

2

FAT

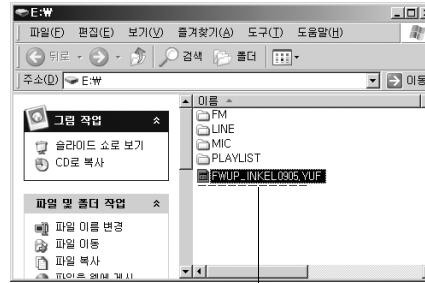


FAT , FAT32
MP3가
FA32 Format System Error가
MENU * DELETE * FORMAT

Firmware Upgrade

: Firmware Upgrade ? 가

1. PC
2. (p.32 p.51)
3. USB
4. PC (FWUP_INKEL---.YUF)
- 5.
6. 100%가
7. 가



(www.etrionics.co.kr)

3
Low-Battery

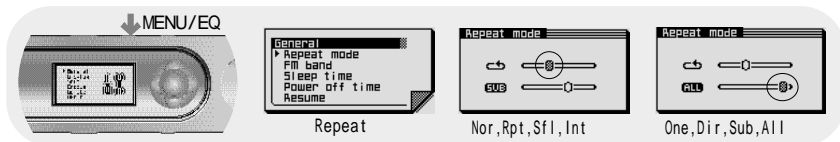
! ROOT

Repeat Mode

GENERAL

ONE:
DIR: Directory
SUB: Directory
ALL:
NOR:
RPT:
SFL:
INT: 5, 10, 20

1. MENU/EQ
2. GENERAL REPEAT MODE
3. REW, FF
Play



Repeat Mode NAVI/RPT 가
NOR NOR RPT RPT
DIR DIR SUB SUB
(DIR FF/REW) NAVI

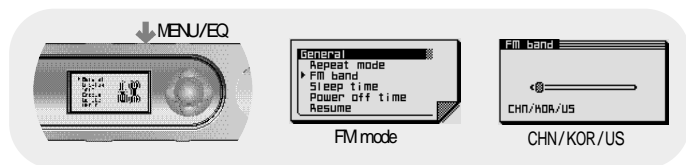
FM - Band

GENERAL

CHN/KOR/US (87.5 108MHz)
JAPAN (76.0 108MHz)
EU (87.5 108MHz)

1. GENERAL FM BAND
2. REW, FF CHN/KOR/US, JAPAN, EU

Play



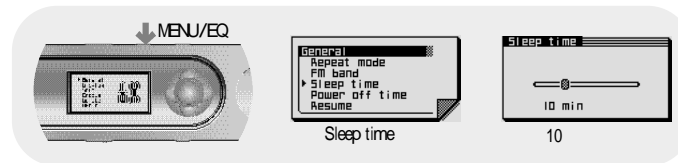
1. FM-BAND CH Memory가
2

Sleep Time -

GENERAL

1. MENU/EQ
2. GENERAL SLEEP TIME
3. REW, FF OFF, 10, 30, 60, 90

Play



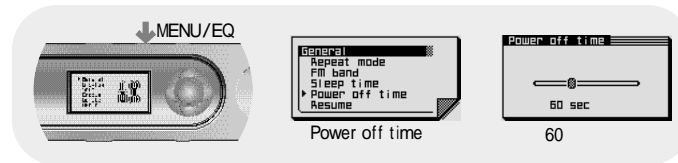
FM

Power Off Time -

GENERAL

1. MENU/EQ
2. GENERAL POWER OFF TIME
3. REW, FF 30, 60, 120, 180

Play



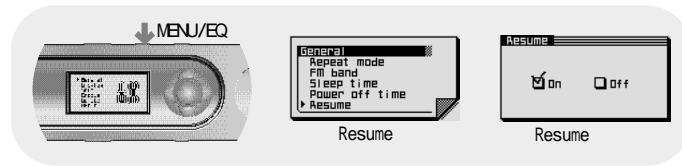
FM

Resume

: Resume ON

: ()

1. MENU/EQ
2. GENERAL RESUME
3. REW, FF ON Play

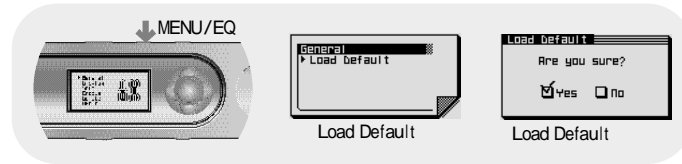


1. Resume (ON)
2. (PAUSE)

RESUME

Load Default

1. MENU/EQ
2. GENERAL Load Default
3. REW, FF YES Play



- Load Default Yes
- (FM-CH Memory)

LCD Contrast

: LCD

1. MENU/EQ
2. DISPLAY Contrast 0 15
3. REW, FF Play



Backlighting Color

: 77

1. MENU/EQ
2. DISPLAY Back-light color
3. REW, FF Red, Green, Yellow, Blue, Purple, Cyan, White Play



Backlighting Time

1. MENU/EQ
2. DISPLAY Back-light time
3. REW, FF 5 20

Play



Scroll Speed

1. MENU/EQ
2. DISPLAY Scroll speed
3. REW, FF Slow, Normal, Fast

Play



Play Time

1. MENU/EQ
2. DISPLAY Play time
3. REW, FF Normal, Remain

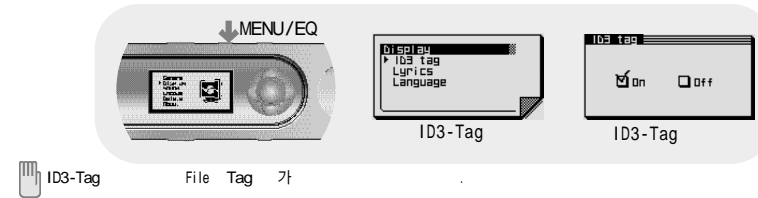
Play



ID3-Tag

1. MENU/EQ
2. DISPLAY ID3 Tag
3. REW, FF ON

Play



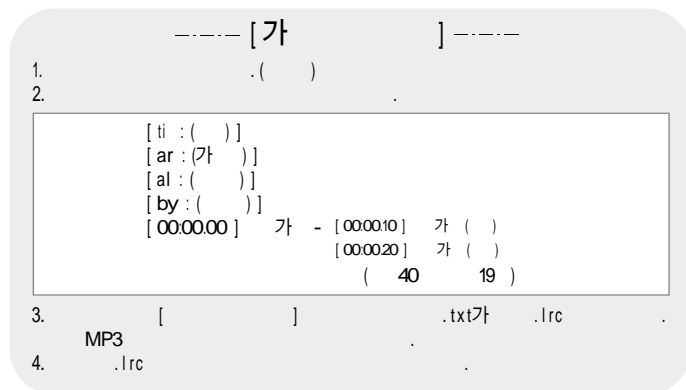
ID3-Tag File Tag 가

Lyrics

1. MENU/EQ Lyrics
2. DISPLAY
3. REW, FF



1. 가 (.lrc) 가 가 ON STOP PLAY
2. Language 가
3. 가 가 VBR 가 가 CBR
* WMA, ASF File



Language

1. MENU/EQ Language
2. DISPLAY Language
3. REW, FF Play

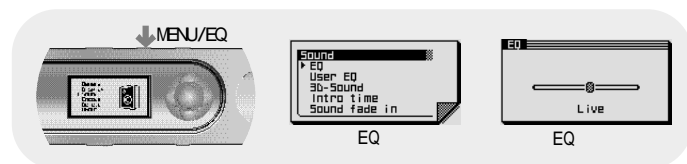


EQ

1. MENU/EQ
2. SOUND EQ
3. REW, FF

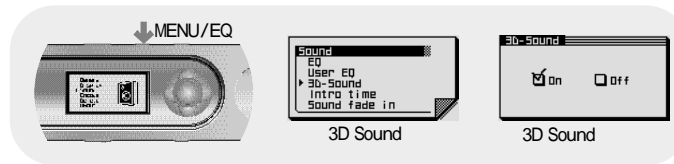
NORMAL, CLASSIC, LIVE, POP, ROCK

Play



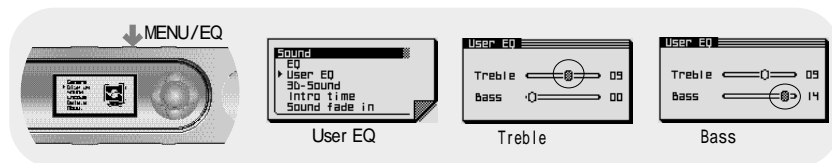
3D Sound

1. MENU/EQ
2. SOUND 3D Sound
3. ON PLAY



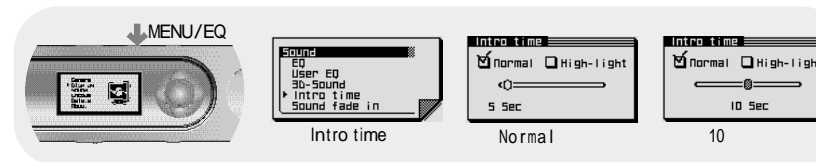
User EQ

1. MENU/EQ
2. SOUND User EQ
3. REW, FF
4. REW, FF

Treble() 0 15
Bass() 0 15Play
Play

Intro Time

1. MENU/EQ
2. SOUND Intro time
3. REW, FF
4. REW, FF

Normal, High-light
5 , 10 , 20Play
Play

Normal :
High-light:
VBR 1
Normal

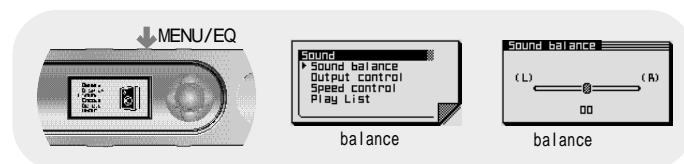
Sound Fade In

1. MENU/EQ
2. SOUND Sound fade in
3. REW, FF ON Play



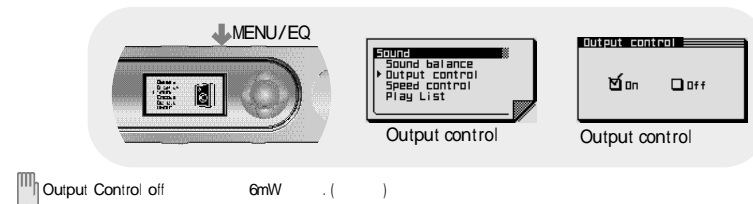
Sound Balance

1. MENU/EQ
2. SOUND Sound balance
3. REW, FF balance Play



Output Control

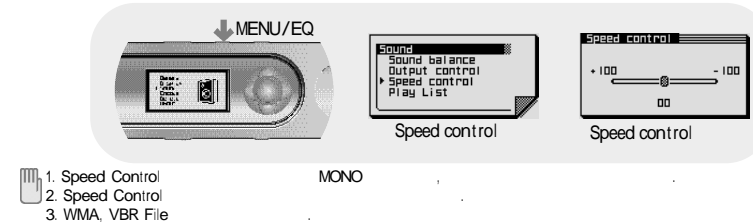
1. MENU/EQ
2. SOUND Output control
3. REW, FF ON Play



Output Control off 6mW . ()

Speed Control

1. MENU/EQ
2. SOUND Speed control
3. REW, FF Play



1. Speed Control
2. Speed Control
3. WMA, VBR File

MONO

Play List

1. MENU/EQ
2. SOUND Play list
3. REW, FF

Play list

Play



Play list

Play list

PLAY LIST

m3u File Winamp

Play List

SET

m3u File

m3u File Winamp

1. PC Winamp

2. Winamp Play List

3. Winamp List Opts

Save List

(

"Play List"

4. USB

MENU

SOUND

PLAY LIST

, NAVI

Play List

m3u-File

(MP3, WMA, ASF)

가



SET

File

M3U File

Line Encoding

1. MENU/EQ
2. ENCODE Line encode
3. REW, FF
4. REW, FF
5. REW, FF

SYNC ON, OFF

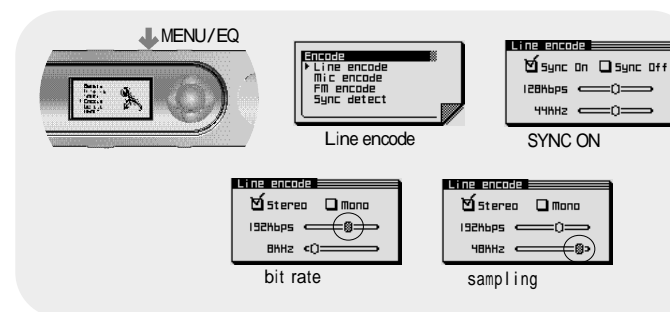
bit rate

sampling

Play

Play

Play



Line encode

SYNC ON

bit rate

sampling

SYNC

SYNC

** CD

SYNC

,ON)

CD

SYNC

SYNC ON

SYNC

SYNC

SYNC OFF

SYNC

Encoding

Line, FM, Mic Encoding 가

200

1. Encoding Index full

PC

가

2. Index full

mp3

200

Index No.가 999



SYNC ON

SYNC OFF

CD



Bit Rate

가

Sampling Frequency

CD가 44KHz Sampling

FM Radio가 8KHz

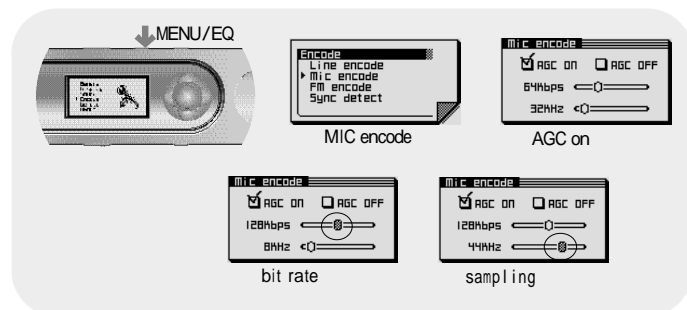
가

MIC Encoding

: MIC

1. MENU/EQ
2. ENCODE MIC encode
3. REW, FF
4. REW, FF
5. REW, FF

AGC ON, AGC OFF
bit rate Play
sampling Play



AGC

AGC OFF
AGC ON

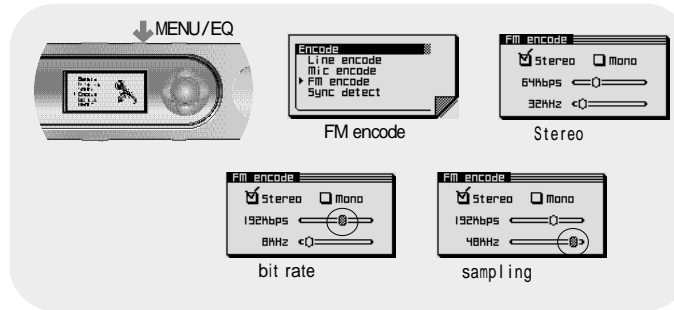
Bit Rate

가
Sampling Frequency
CD가 44kHz Sampling
FM Radio가 8kHz
가

FM Encoding

: FM FM

1. MENU/EQ
2. ENCODE FM encode
3. REW, FF Stereo, Mono
4. REW, FF bit rate
5. REW, FF sampling Play



MONO, STEREO

MONO
STEREO
MONO

Bit Rate

가
Sampling Frequency
CD가 44kHz Sampling
FM Radio가 8kHz
가

One Delete

1. MENU/EQ
2. DELETE One delete
3. REW, FF

YES

Play



One delete

PAUSE STOP
(.)

All Delete

: MP3, ASF, WMA

1. MENU/EQ
2. DELETE All delete
3. REW, FF

YES

Play



All delete

All delete

1. PAUSE STOP MP3, WMA
2.
3. 가 (All Format)

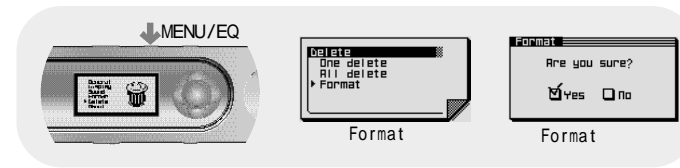
Format

: Memory

1. MENU/EQ
2. DELETE Format
3. REW, FF

YES

Play



Format

Format

PAUSE STOP Format 가

One delete/All delete/Format

PC

F/W Version

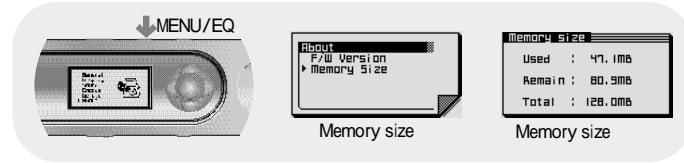
1. MENU/EQ
2. ABOUT F/W Version



ON LCD

Memory Size

1. MENU/EQ
2. ABOUT Memory size



Q

?

. p9

? + -

p9

Q

?

p13

가 ?

가 ?

. p50

가 ?

. p9

Q

?

p13

가 ?

가 ?

가 ?

. p9

Q

?

가

p14

0

가 ?

?

FM

(L+R)
20Hz 20KHz
12mW + 12mW (16)
6mW + 6mW (16)/Output off
90dB (1KHz input 0dB)
0.1% ± 0.05% (1KHz input 0dB)
± 5 Steps

87.5MHz 108MHz (3 BAND)
6mW + 6mW (16)
60dB at 1mV 98.1MHz
0.8% at 1mV 98.1MHz

MP3 Encoding
Bit Rate MPEG 1/2/2.5 Layer3, WMA, ASF
MPEG 1/2/2.5 Layer3
Auto Sync
32Kbps 320Kbps, VBR

Tag ID3 Ver1.0/1.1/2.0

18 (32Kbps/256M)
128/256/512MB
Alkaline Battery Approx 13hrs()
7 Color LEDs
4Line Graphic LCD
87.6 x 31 x 22.8mm
39g()

USB 5, 40, C
OS USB 1.1
Window 98/SE/ME/2000/XP
LINUX Kernel 2.4.X.X / MAC 9.0



: MP3 Player
: MF-250
: E-D023-04-29(3B)
: /

인켈

MODEL NO.	
1	
	TEL
	TEL

가 가 (,) (6)
A/S

<http://www.electronics.co.kr> or <http://www.inkel.co.kr>

주식회사 이트로닉스

: 가 345-60
: 가 345-5
080-023-1133

inkel

주식회사 이트로닉스
: 가 345-60
: 가 345-5
080-023-1133