

**Pioneer** *sound.vision.soul*

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**I**

/

**DEQ-P90**

**SUPER**  **TUNER III** **D**

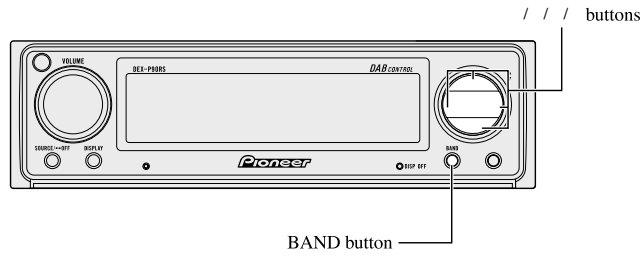
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01	(DEX-P90RS)..... 3	- <FTR> ( )..... 29
	(DEX-P90RS) ..... 3	- 가
	..... 4	- (MUT)
	- 가	
	- 가	
02	..... 6	07 < >
	..... 6	(MEMO) ..... 34
	..... 6	Memory 가 ..... 35
	..... 7	-Equalizer Menu
	..... 7	-Network Menu
	..... 8	..... 36
	..... 8	..... 37
	..... 8	-Forward/Reverse
	..... 8	- Equalizer Menu
	..... 8	-
	..... 8	..... 39
	..... 8	..... 40
03	..... 9	08
	- 가	..... 41
	..... 9	(Edit Mode 가 ) ..... 41
04	<Main>	09
	<MAIN> ..... 11	..... 44
	- 가	10
	/ <FAD/BAL CONTROL>	..... 47
	( / ) ..... 11	..... 47
	/ <B/T> ( ) ..... 12	..... 48
	<PS> ( ) ..... 13	..... 48
	-Position Selector <POS>	..... 49
	-	RCA ..... 50
	-	..... 51
	-	IP-BUS ..... 52
	-	-
	(SLA) ( ) ..... 17	-
05	<Equalizer>	11
	Equalizer ..... 18	..... 54
	- <GEQ> ..... 18	12
	..... 19	..... 55
	31 <FINE> ( ) 21	13
	<FLT> ( ) ..... 22	..... 56
06	<Network>	
	? ..... 23	
	<N.W.> ..... 24	
	- 가	
	<T.A.> ( ) ..... 25	
	-Time Alignment Adjustment 가	
	- ( )	
	- ( )	

(DEX-P90RS)

DEX-P90RS ( )

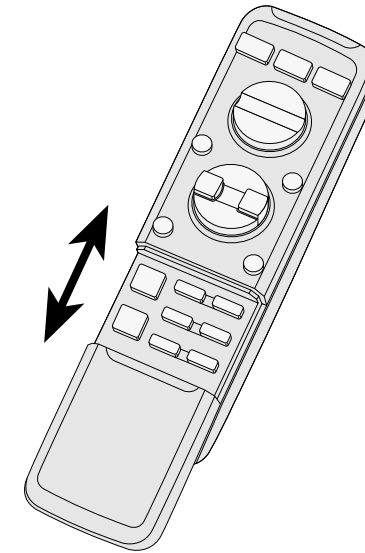
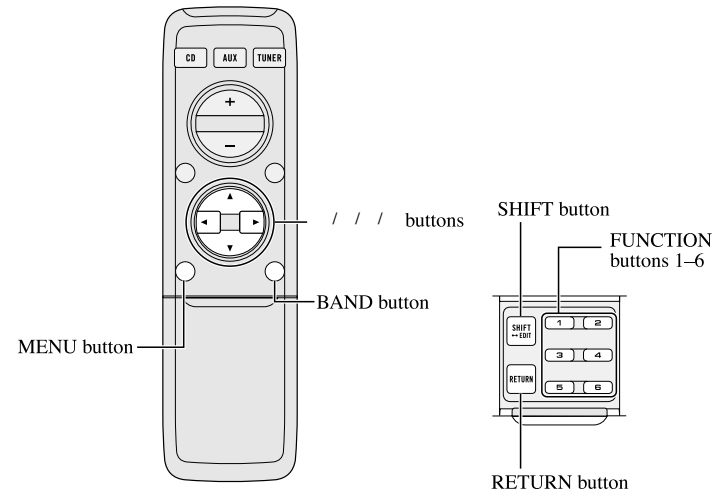


SHIFT, RETURN 1-6 FUNCTION

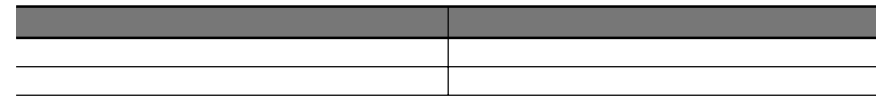
(DEX-P90RS)

가  
SHIFT, RETURN FUNCTION 1-6

4



가



가

, 가 가 .

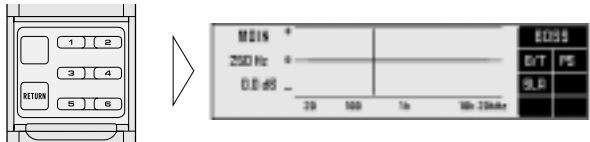
DEX-P90RS( )



: ON

가

, 가 가 .



: 1-6 FUNCTION FUNCTION 가

8

ATT, TA, SHIFT, MENU, RETURN 1-6 FUNCTION

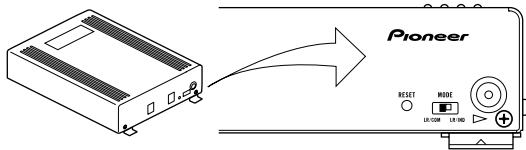
가 가

DSP

LR/IND 가 LR/IND LR/COM  
 Left Right  
 Left Right  
 LR/IND LR/COM

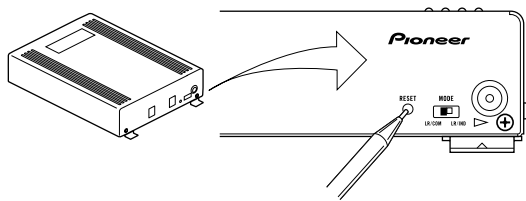
- 가
- 가 가
- 가

• MODE



가 ( ) 가  
 MODE

• RESET



3 가  
 <Main> (11 )  
 / / Position Selector  
 <Equalizer> (18 )  
 Equalizer  
 <Network> (23 )  
 ( ) ( )  
 ( ) ( )

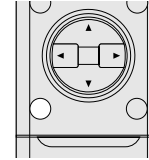
- (DEX-P90RS) / / /

가

ON

1. MENU

Audio Menu



(Main Menu)

(Equalizer Menu)

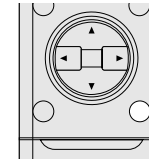
(Network Menu)

2.

3. BAND

Audio Menu

Audio Menu

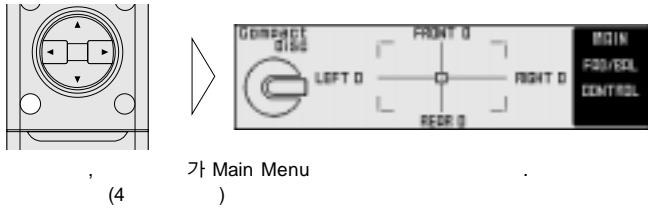


<MAIN>

- / 4가 <FAD/BAL CONTROL> ( )
- / <B/T> ( )
- <PS> ( )
- <SLA> ( )

가

- MENU Main Menu (10 )



- Main Menu BAND

<FAD/BAL CONTROL> ( )

1. (4 )
2. /



3. /



<B/T> ( )

- / 가
- : 63Hz, 100Hz, 160Hz, 250Hz
- : 4Hz, 6.3Hz, 10Hz, 16Hz
- : -12dB +12dB (1 1dB)

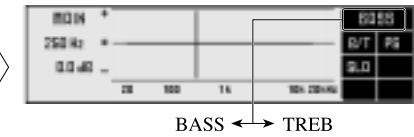
1. (4 )

Main Menu Setting

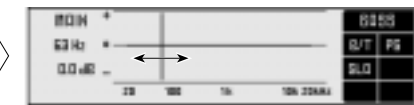
2. FUNCTION 1 가 Bass/Treble Adjustment



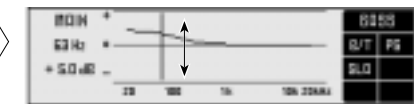
3. FUNCTION 1 (BASS) (TREB)



4. /



- / ( )



- / 가

<PS> ( )

( )  
Position Selector

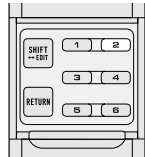
가

	FRONT ( )
	FRONT-L ( )
	FRONT-R ( )

Position Selector <POS>

1. Main Menu  
Main Menu Setting . (4 )

2. FUNCTION 2  
가 Position Selector



3. FUNCTION 2  
Selector ON Position



4. / /



가

가

가

Position Selector

, 가 가

(DIS): 0 - 340cm(1 1.7cm)  
가 가

0 가

(LEV): 0 - 30dB(1 1dB)  
0 가 가

1. Position Selector  
(13 )  
: FRONT-L



2. FUNCTION 2 2  
Position Fine Tuning 가



3. FUNCTION 1 2  
(DIS) (LEV)

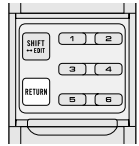




4. /  
 ( 3.4cm 가 ).



5. RETURN Position Fine Tuning  
 Position Selector



가

- - 가  
 (25 )  
 ( , , )

Position Fine Tuning( )  
 / 가 가

1. Network Menu  
 (25 )

2. /

3. 가

- 가 가 가
- , / ( )

- 0
- 0

### (SLA) ( )

SLA(Source Level Adjustment)

. FM

- FM
- MW/LW

CD CD DVD

- AUX, 1 2

1. FM (DEX-P90RS ( ))

2. MENU Main Menu 가

3. Main Menu Setting

4. MAIN Menu Setting FUNCTION  
3 가 SLA Adjustment



5. /  
“+4” “-4” 가



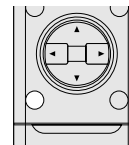
### Equalizer

가

### <GEQ>

- 가 ( ) (37 )
- 31 <FINE> ( )
- <FLT> ( ) ( ) (34 )

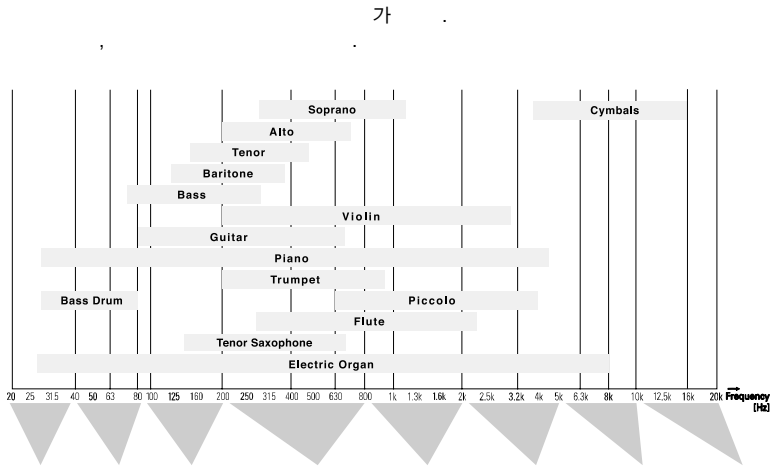
• MENU Equalizer Menu . (10 )



가 Equalizer Menu  
(4 )

• Equalizer Menu BAND

<Equalizer>



가

가

가

가

가

가  
가

가

가

가

가

가

가

가

가

가

<Equalizer>

- 가 , 80Hz 4kHz
- 가 50Hz 10kHz 가
- 가 가
- 가 100Hz 가
- 가 가

### 31 Band

가 : 20Hz-20kHz(1/3), 31 )  
: -12dB-+12dB(1 0.5dB)

1. Equalizer Menu  
(4)  
Equalizer Menu Setting

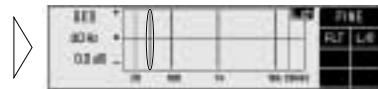


2. FUNCTION 2 (LR/IND)  
FUNCTION 2



• LR/COM (7)  
<FRT>가

3. / ( )



4. /



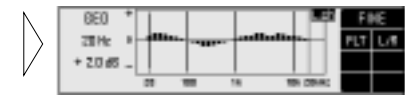
5. 3 4

6. 2-5

### <FLT> ( )

lat ( 0dB)

1. Equalizer Menu  
(4)  
Equalizer Menu Setting



2. FUNCTION 1 Flat  
ON "FLT"가



• ON

?

)

가

( )

가

( )

가

가

가

가

<N.W.>

- 3가
- <T.A.> ( )
- <FTR> ( )
- ( ) (34 )

가

- MENU Network Menu . (10 )



가 Network Menu (4 )

- Network Menu BAND

- 가 :
- 가 (37 )

- 34
- (14 )

<T.A.> ( )

가

( , , )

가 가

Time Alignment Adjustment

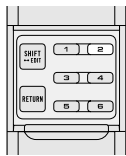
1. Network Menu

(4 )

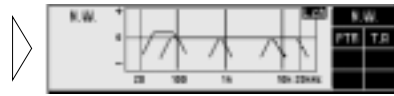
가 Network Menu Setting

2. FUNCTION 2

가 Time Alignment Adjustment



가



FRONT L		FRONT R				T.S	
SW	LOW	MID	HIGH	cm	1 EQ	2 EQ	3 EQ
0.0	0.0	0.0	0.0				
32.3	32.3	32.3	32.3				

( )

( )

Position Selector (13 )

.

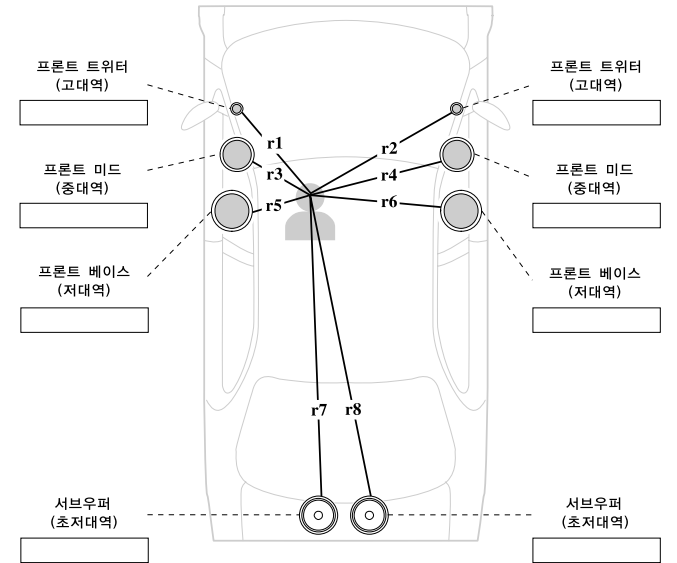
:

.

cm

Left Speaker (L)

Right Speaker (R)



.

( )

: 0-340.0cm(1 1.7cm)

1. Network Menu  
가 Network Menu Setting

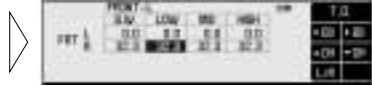
2. FUNCTION 2  
가 Time Alignment Adjustment

3. FUNCTION 5  
( )  
" FRONT-R " " FRONT-L "  
. 26

. (4 )



4. FUNCTION 3 4  
(LEFT) (RIGHT)



5. FUNCTION 1 2  
FUNCTION 1 2



S.W. ( ) LOW ( ) MID ( ) HIGH ( )

6. / ( )

26

( 3.4cm ) 1

7. 4-6



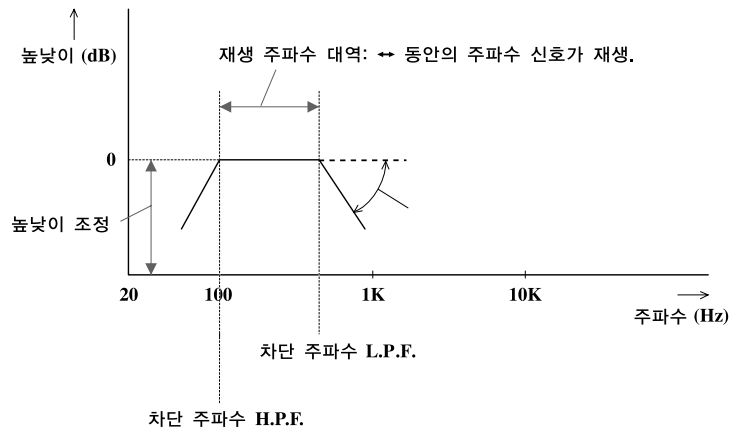
<FTR> ( )

: 1/3  
: 1 0.5dB  
( , , , ) (H.P.F.) (L.P.F.)

범위	차단주파수 H.P.F.	차단주파수 L.P.F.	높낮이 조정 범위
서브우퍼	20 Hz - 100 Hz	25 Hz - 250 Hz	-24 - +10 dB
저대역	25 Hz - 250 Hz	250 Hz - 10 kHz	-24 - 0 dB
중대역	200 Hz - 10 kHz	2 kHz - 20 kHz	-24 - 0 dB
고대역	1.6 kHz - 20 kHz	8 kHz - 20 kHz	-24 - 0 dB

: PASS, -6dB/oct. - 36dB/oct. (-6dB/oct , 6 )  
H.P.F. L.P.F. ( )

- PASS 가
- H.P.F. H.P.F. PASS가
- PASS (32 8 )



H.P.F. L.P.F.  
( )  
( )

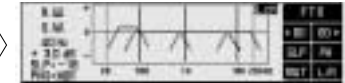
가1 ( : dB/oct) 가 ( ) 가 dB

- H.P.F. L.P.F. PASS

가

1. Network Menu (4 )  
가 Network Menu Setting

2. Network Menu Setting FUNCTION  
1 가 Filter Adjustment



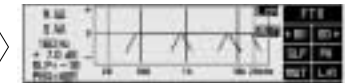
(MUT)

Mute( ) ON/OFF  
Mute ON/OFF

Mute ON

1. ON " "

2. FUNCTION 5 Mute  
ON/OFF ON 가



- (25 )

- Position Selector (13 )



1. Network Menu  
가 Network Menu Setting

2. FUNCTION 1  
가 Filter Adjustment

3. FUNCTION 6 (Left)  
(Right) (LR/IND)

FUNCTION 6

4. FUNCTION 1 2

가

5. /  
( )

6. 가

가 가

. H.P.F. 가

가

. (4 )



4 5

L.P.F. L.P.F. 100Hz

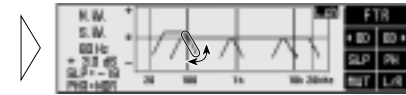
가

가

7. / 가 가

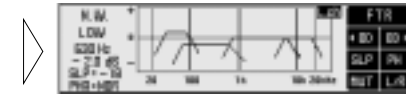


8. FUNCTION 3



MID H.P.F. : MID H.P.F. PASS  
•FUNCTION 3 2 : MID H.P.F. ( )

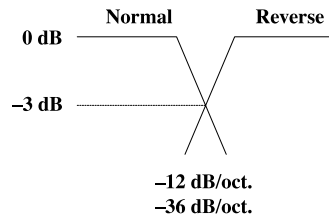
9. FUNCTION 4  
(NOR) (REV)



10. 3-9

- ( )
- 가 ( 가 )
- Mute (30 )

- 180 -12dB/oct. -36dB/oct.



- 가 (18 )

- 가 PASS H.P.F.가 20.40Hz
- -18. -36dB/oct. 가 (-6, -12dB/oct.) 가 -18dB/oct. 100Hz

- 가 H.P.F. PASS 10cm 13cm 가
- 가 ( 2kHz )가 -18. -36dB/oct.
- 가 PASS - 6dB/oct.

(MEMO)

. ( )

- Equalizer Menu Adjustment( ) Network Menu Time Alignment( ) Filter

Memory (5)

( , ) 31

- RESET Memory가 . RESET

# Memory Mode 가

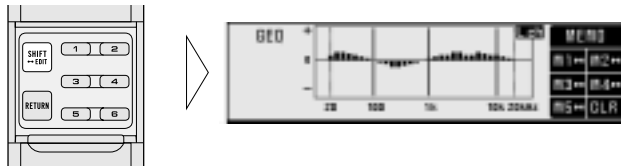
Audio Menu

## Equalizer Menu

1. Equalizer Menu . (4 )

2. SHIFT 가 Equalizer Memory Operation

- Equalizer Menu Flat ON



## Network Menu

1. Network Menu . (4 )

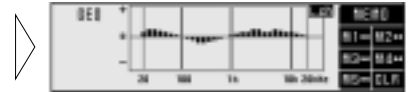
2. SHIFT 가 Network Memory Operation

- Filter Adjustment Time Alignment Adjustment



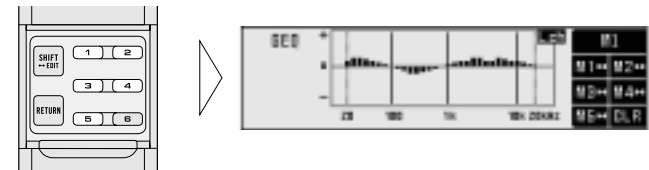
1. Audio Menu  
 Equalizer Menu(18 )  
 Network Menu(23 )

2. 가 (34 )  
 Memory Operation



3. FUNCTION 2

- 가



4. SHIFT 가

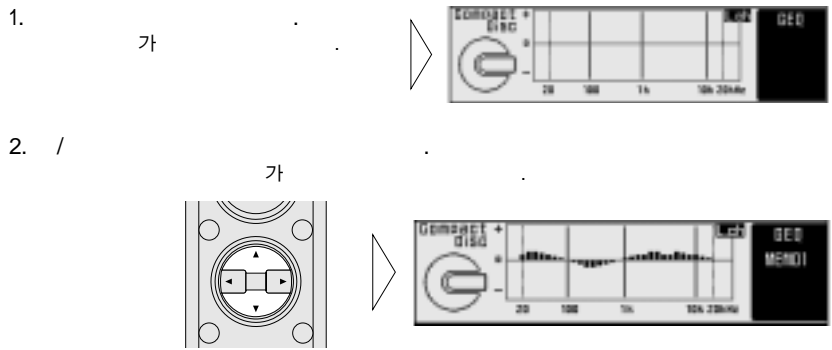
- (39 )
- Protect M1, M2, M3 M4 ON M5

Protect

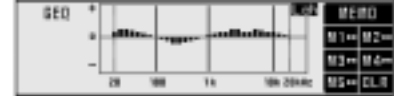
가

가 가  
 Forward/Reverse - Equalizer Menu  
 ( FUNCTION

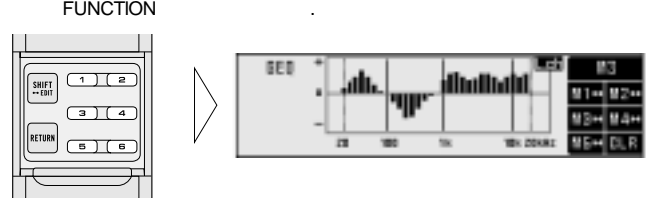
Forward/Reverse  
 - Equalizer Menu



1. 가 (35)  
 Memory Operation



2. FUNCTION



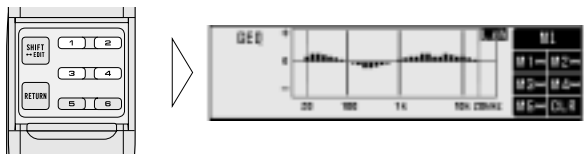
Equalizer Menu  
 • Flat ON

가 (35).

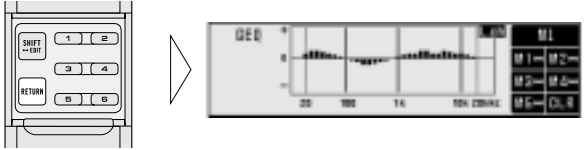
Protect ON Protect( )

- Protect ON M1 M4 가
- M5 Protect

1. (38 )

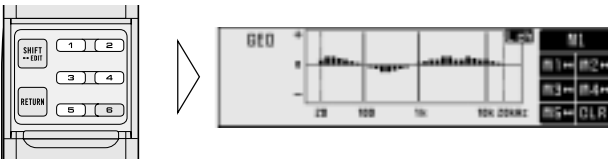


2. RETURN 2 Protect ON



- Protect ON/OFF
- Protect ON/OFF 가
- Protect ON 가

1. (38 )



2. FUNCTION 6 2

- Protect ON



Audio ( ) . DEX-P90RS  
 Audio 가 Audio

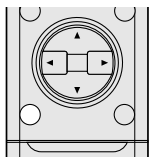


- 20
- Audio

(Edit Mode 가 )

(EDIT)

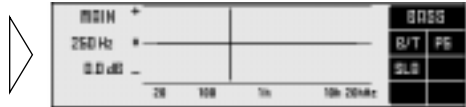
1. MENU Audio Menu 가  
 Audio Menu(Main/Equalizer/Network)  
 가



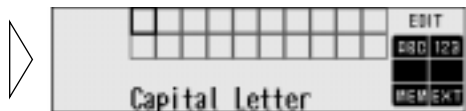
(Example: Main Menu)



2.

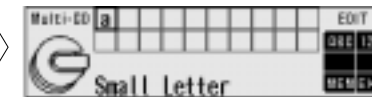


3. SHIFT 2 Edit  
 Mode 가 가 Character Input



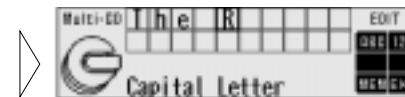
4. FUNCTION 1

FUNCTION 1 Character 가  
 (Capital Letter),  
 (Small Letter) (European  
 Character), (e.g. á, à, ä, ç)

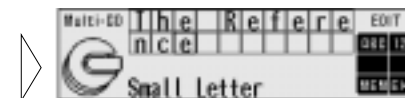


• FUNCTION 2

5. /



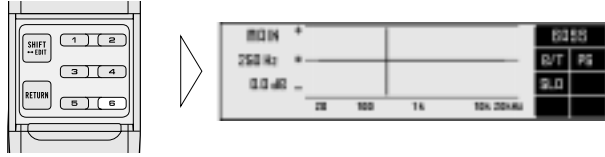
6. /





7. FUNCTION 5

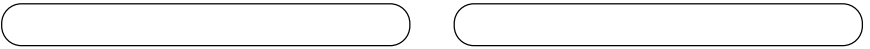
8. FUNCTION 6 RETURN 가



9. Audio Menu 가



DEX-P90RS



이퀄라이저	M1	M2	M3	M4	M5
20 Hz					
25 Hz					
31.5 Hz					
40 Hz					
50 Hz					
63 Hz					
80 Hz					
100 Hz					
125 Hz					
160 Hz					
200 Hz					
250 Hz					
315 Hz					
400 Hz					
500 Hz					
630 Hz					
800 Hz					
1 kHz					
1.25 kHz					
1.6 kHz					
2 kHz					
2.5 kHz					
3.15 kHz					
4 kHz					
5 kHz					
6.3 kHz					
8 kHz					
10 kHz					
12.5 kHz					
16 kHz					
20 kHz					

:

		M1					M2						
		L.P.F.		H.P.F.		높낮이	상	L.P.F.		H.P.F.		높낮이	상
		주파수	경사	주파수	경사			주파수	경사	주파수	경사		
LEFT	HIGH												
	MID												
	LOW												
	S.W.												
RIGHT	HIGH												
	MID												
	LOW												
	S.W.												

		M3					M4						
		L.P.F.		H.P.F.		높낮이	상	L.P.F.		H.P.F.		높낮이	상
		주파수	경사	주파수	경사			주파수	경사	주파수	경사		
LEFT	HIGH												
	MID												
	LOW												
	S.W.												
RIGHT	HIGH												
	MID												
	LOW												
	S.W.												

		M5					
		L.P.F.		H.P.F.		높낮이	상
		주파수	경사	주파수	경사		
LEFT	HIGH						
	MID						
	LOW						
	S.W.						
RIGHT	HIGH						
	MID						
	LOW						
	S.W.						

:

M1	위치			
	S.W.	저	중	고
Left(좌)				
Right(우)				

M2	위치			
	S.W.	저	중	고
Left(좌)				
Right(우)				

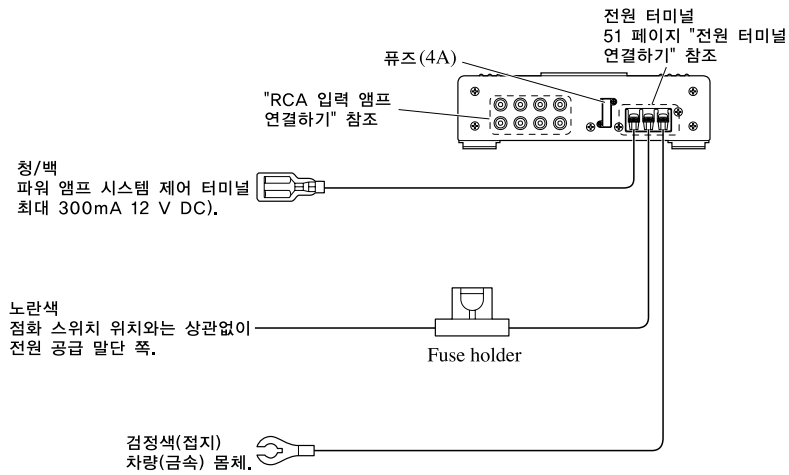
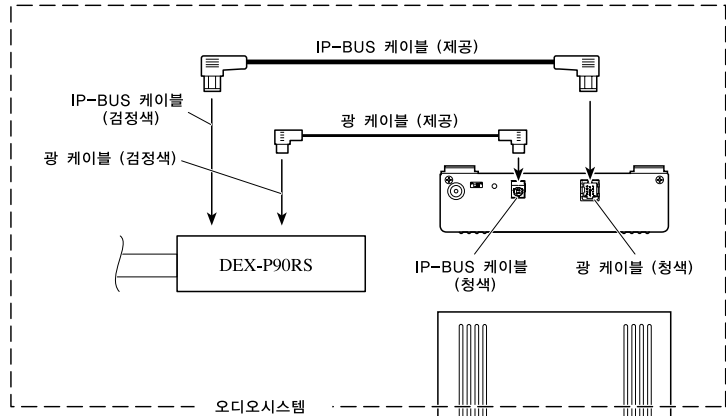
M3	위치			
	S.W.	저	중	고
Left(좌)				
Right(우)				

M4	위치			
	S.W.	저	중	고
Left(좌)				
Right(우)				

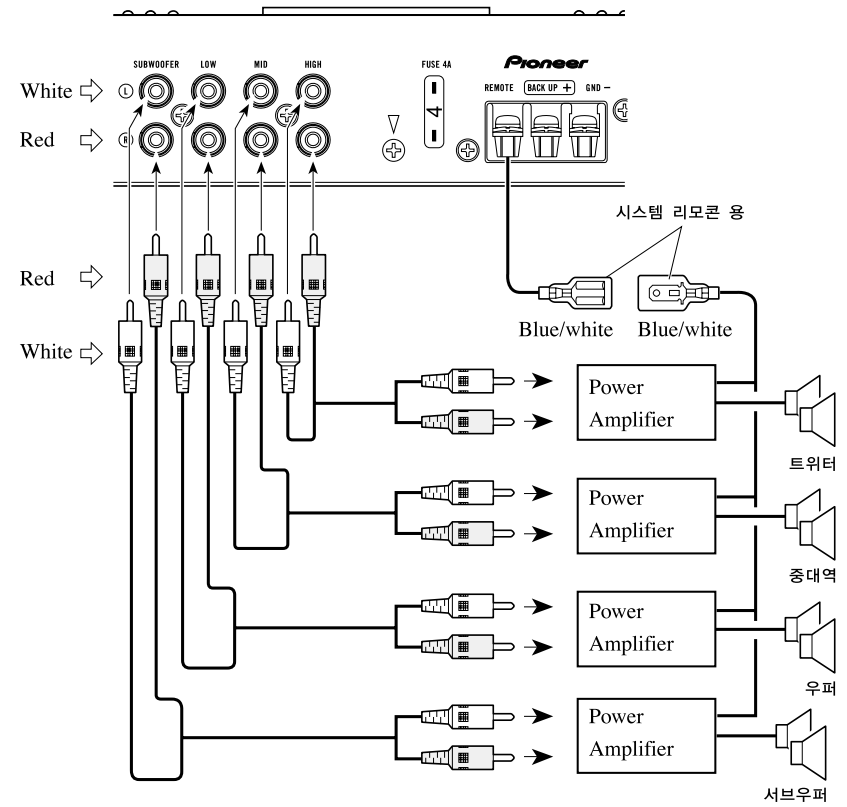
M5	위치			
	S.W.	저	중	고
Left(좌)				
Right(우)				





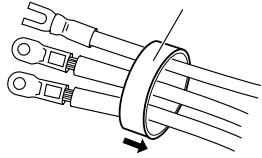


### RCA

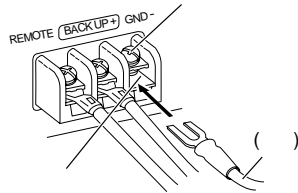
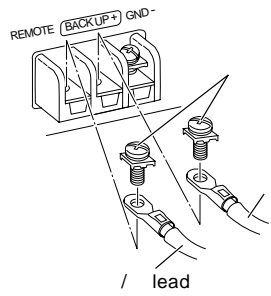




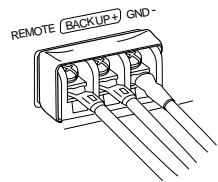
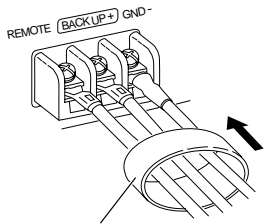
1. / ,



2.



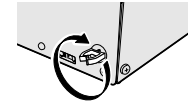
3.



### IP-BUS

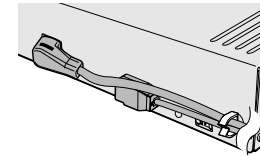
1.

IP-BUS

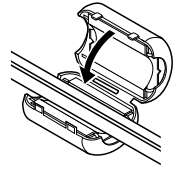


2.

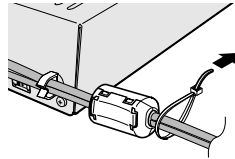
IP-BUS



1. IP-BUS

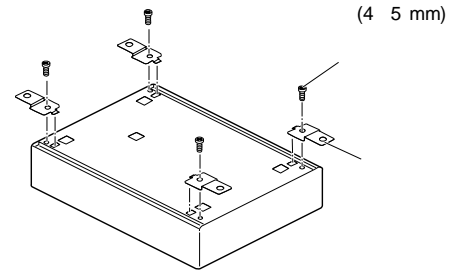


2. 가 가

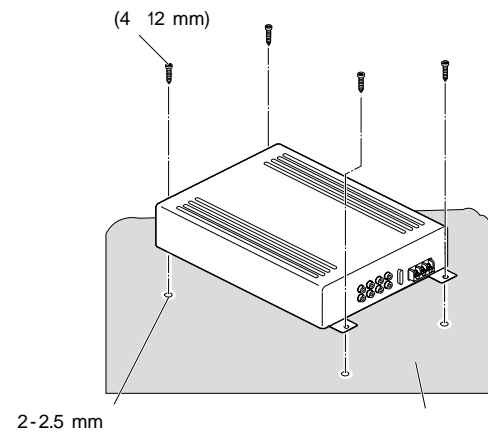


가 가 가

1.



2.

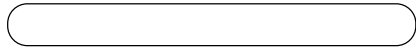




가

- 1.
- 2. RESET
- 3. RESET , 가

	가		
	( )	( )	
	/	RCA /	
	가		
		가	
	가	RESET	



DC 14.4 V (10.8 - 15.1 V 가 )

4 A  
 191 (W) 49 (H) 220 (D) mm  
 1.8 kg

DSP/PREAMP

( )  
 Bass( )  
 Treble( )

63 Hz, 100 Hz, 160 Hz, 250 Hz  
 4 kHz, 6.3 kHz, 10 kHz, 16 kHz  
 -12 dB (1 dB)

31- (L/R )

20 Hz - 20 kHz, 1/3 oct.  
 -12 dB (0.5 dB)

(L/R )

HPF : 20 Hz - 100 Hz, 1/3 oct.  
 LPF : 25 Hz - 250 Hz, 1/3 oct.  
 : +10 dB - -24 dB (0.5 dB)

HPF : 25 Hz - 250 Hz, 1/3 oct.  
 LPF : 250 Hz - 10 kHz, 1/3 oct.  
 : 0 dB - -24 dB (0.5 dB)

HPF : 200 Hz - 10 kHz, 1/3 oct.  
 LPF : 2 kHz - 20 kHz, 1/3 oct.  
 : 0 dB - -24 dB (0.5 dB)

HPF : 1.6 kHz - 20 kHz, 1/3 oct.  
 LPF : 8 kHz - 20 kHz, 1/3 oct.  
 : 0 dB - -24 dB (0.5 dB)  
 , -6, -12, -18, -24, -30, -36 dB/oct.  
 ( : HPF-High )

0 - 340 cm (1.7 cm)

: 0 - 340 cm (1.7 cm)

: 0 - -30 dB

44.1 kHz

RCA (4 way)



RCA

/

10 Hz - 20 kHz (+0, -1 dB)  
4 V/1 k  
0.005% (1 kHz, 20 kHz LPF)  
109 dB (HF-A )  
90 dB (1 kHz, 20 kHz LPF)