PSM900

Online user guide for PSM900 wireless personal monitor system.
Version: 9 (2020-C)

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PSM900

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16.
17. 70dB (A)
18. I
19.
20. /
21.

(NIHL) (OSHA)

90 dB SPL	**95 dB SPL**	**100 dB SPL**	**105 dB SPL**

110 dB SPL	**115 dB SPL**	**120 dB SPL**	

	

“ ” “ ”

⚠	
⚠	

-
- /

-
-
-

Shure PSM® 900

CueMode

-
-
- Shure SE425 Sound Isolating™

- P9RA+
-
- 20
-

- CueMode 20
-
- IR
- MixMode® IFB
-

- SB900A
- SCB800-US SB900
- SBC200 SB900A P3RA P9RA+ P10R+ QLX-D® ULX-D®
- SBC220 SB900A PSM 300 P3RA PSM 900 P9RA+ PSM 1000 P10R+ QLX-D ULX-D Axient® Digital AD1 AD2 SBC220

- **P9T**
- **P9RA+**
- **PS43**
- 8

①
②
③
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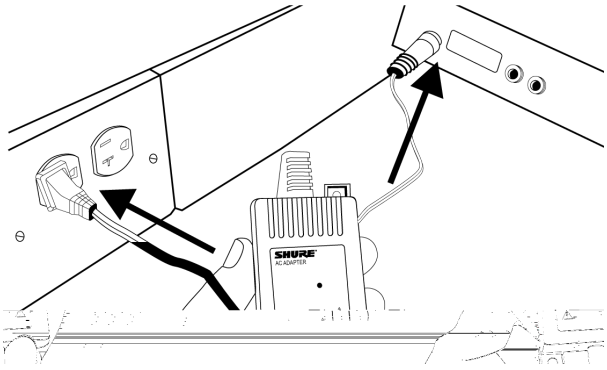
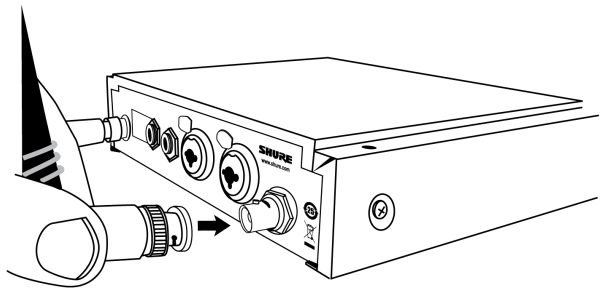
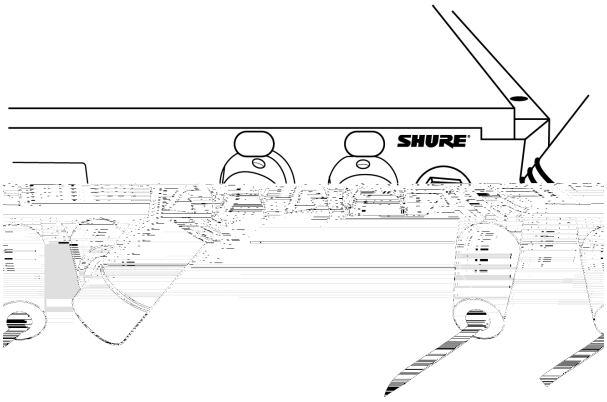
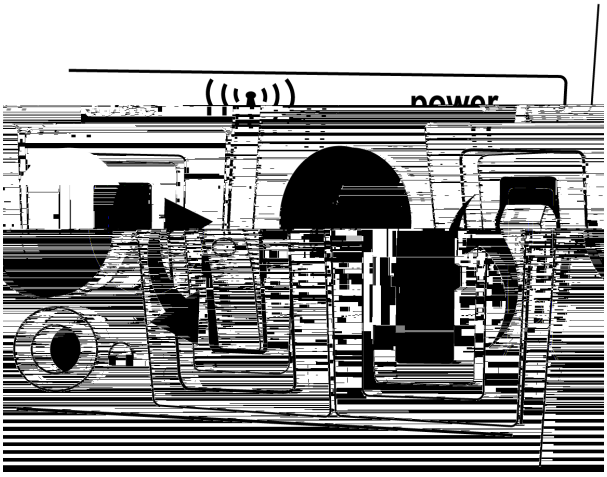
⑦

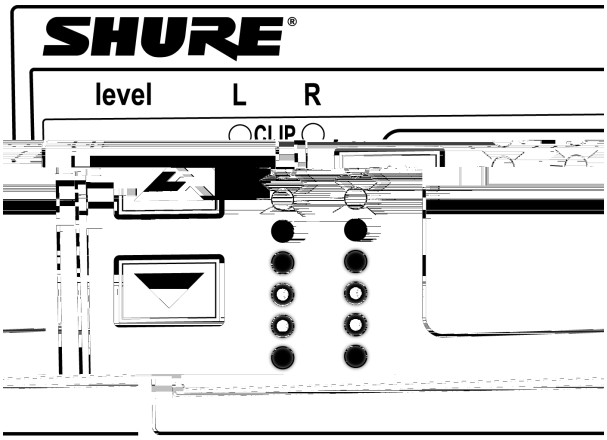
1.
2. antenna out BNC
3.
   - Audio Mono
   - LCD Audio INPUT (-10 dBV) (+4 dBu)
4.
5.
   - ▼▲ +4 dBu
   - –10 dBV



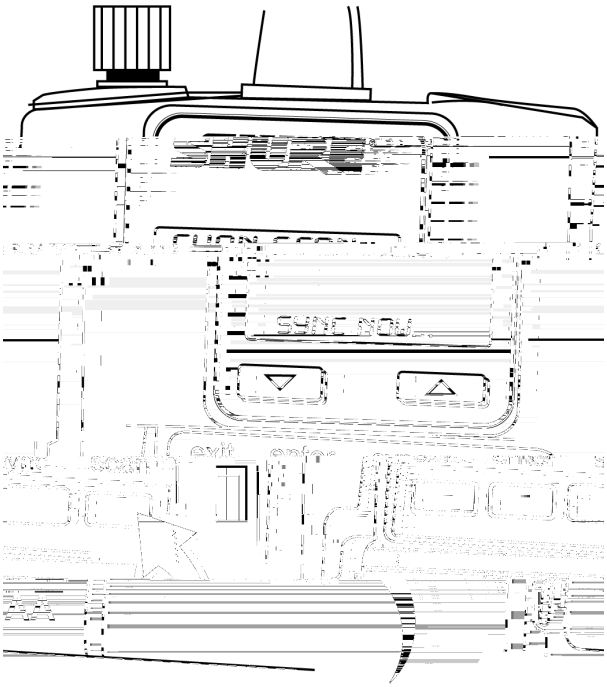

SHURE

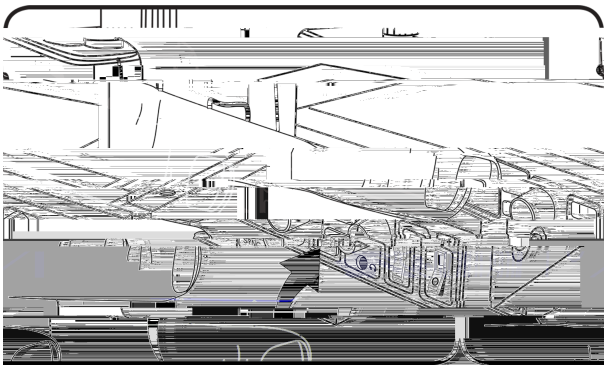

SHURE

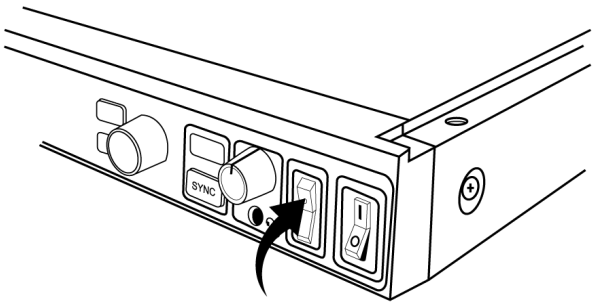

power

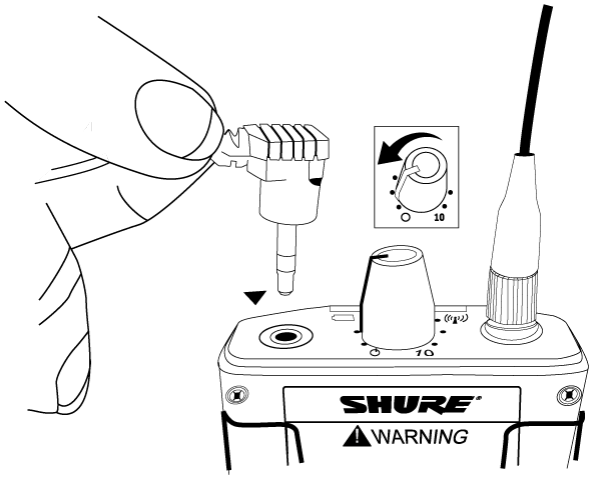


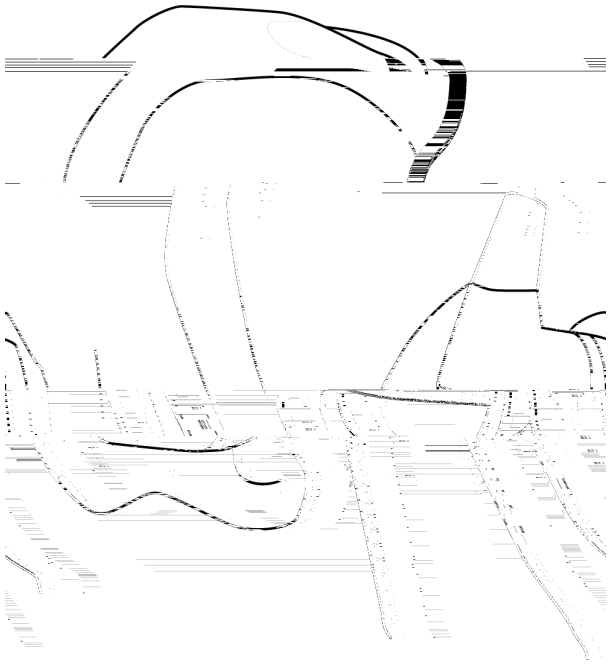
1. scan SYNC NOW...
2. sync Level LED SYNC SUCCESS
3. (RF)
4.
5.

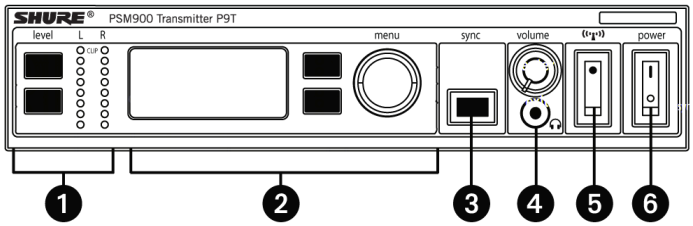

SYNC NOW




SYNC


10
SHURE
WARNING





①

▼▲ clip

AUDIO > INPUT

②

enter exit enter

exit

③

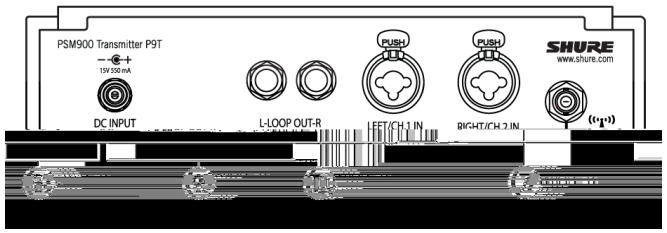
sync

④

volume 3.5

⑤

⑥



⑦

⑧ LOOP OUT

⑨

1/4 XLR

⑩ (BNC)

RADIO

G

CH

888.888MHz

RF POWER

10 50 100

AUDIO > MODE

STEREO/MX

MONO

AUDIO > INPUT

LINE +4 dBu

AUX -10dBV

UTILITIES

EDIT NAME

DISPLAY

CONTRAST

CUSTOM GROUP

(ST) MixMode (MX)

BAL MX

MixMode 1 2

BAL ST

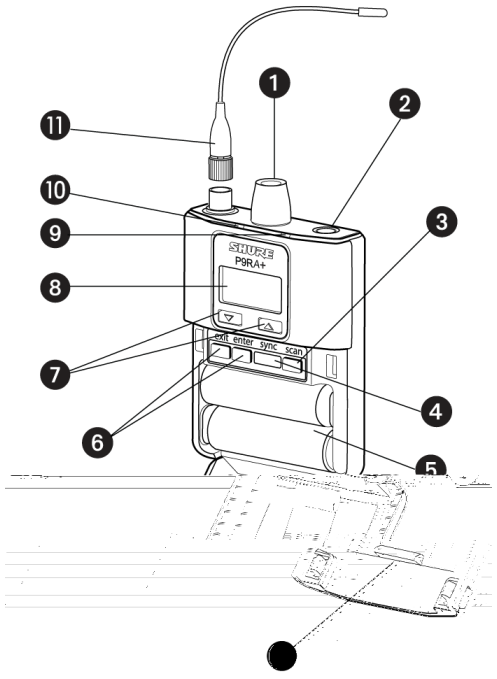
(L) (R)

HIBOOST

UTILITIES > RESET SYSTEM

NO

YES



①

② 3.5

③

④

⑤

2 AA Shure

⑥

▼▲

⑦ ▼▲

MixMode

⑧

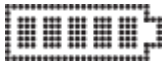
⑨

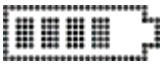
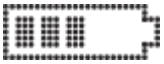
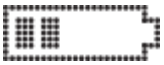
⑩

⑪ **SMA**

⑫ **AA**

Shure SB900

		(h:mm)					
					Shure SB900A		
		4	6	8	4	6	8
		6:00 3:50	4:20 2:45	3:15 2:05	8:00 3:45	6:45 3:45	6:00 3:45

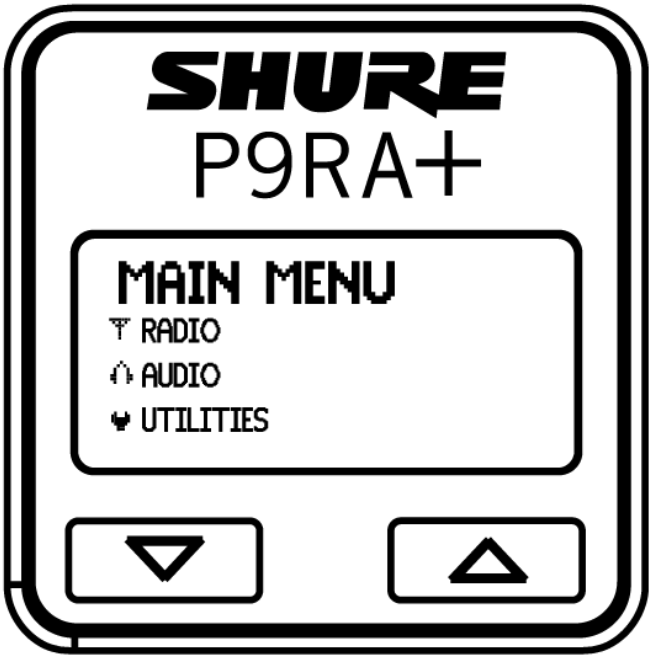
		3:50 2:50	2:45 2:00	2:05 1:30	3:45 2:45	3:45 2:45	3:45 2:45
		2:50 1:15	2:00 1:00	1:30 0:50	2:45 1:45	2:45 1:45	2:45 1:45
		1:15 0:25	1:00 0:20	0:50 0:20	1:50 0:55	1:50 0:55	1:50 0:55
		0:25 0:15	0:20 0:10	0:20 0:10	0:55 0:25	0:55 0:25	0:55 0:25
		< 0:15	< 0:10	< 0:10	< 0:25	< 0:25	< 0:25
		6:00	4:20	3:15	8:00	6:45	6:00

5 LED /

Energizer

- V LIMIT = 0dB
- INPUT Line+4 dBu Level −9 dB
- +8.7 dBV
- 115 dB SE425 22 Ω 4

PSM



RADIO

RADIO

G:

CH:

888.888 MHz

▼ ▲

SQUELCH

RF PAD

3 dB

Audio

(MODE)

STEREO

MIXMODE®

(EQ)

LOW LOW MID HIGH MID HIGH EQ

FREQUENCY

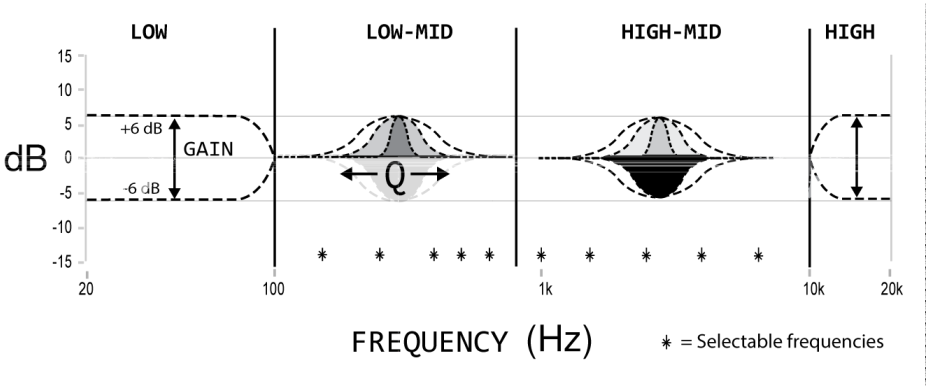
/

Q

GAIN

2 dB -6 dB +6 dB

HIGH LOW Q HIGH 10 kHz LOW 100 Hz



(V LIM)

V LIM

OFF -48 dB 3 dB

dB

(V LOCK)

ON

EQ (EQPre)

EQ

Match

PSM

Flat

Off

EQ

(BAL ST / BAL MIX)

▼▲

MixMode

UTILITIES

UTILITIES

CUEMODE

CUEMODE enter EXIT CUEMODE

DISPLAY

CONTRAST

LOCK PANEL

exit OFF enter

BATTERY

Hrs: Min Left temperature Status Cycle Count Health

RESTORE

1.

2. scan SYNC NOW...
...

3. sync
4. scan
5.
6.
7. snyc “ ”
8.

CueMode

CueMode

CueMode CueMode

CueMode

CueMode

1. enter
2. UTILITIES enter CueMode enter
3. sync

CueMode SYNC SUCCESS
CueMode

4.

CueMode

1. UTILITIES CueMode
2. ▼▲ CueMode

CueMode

enter EXIT CUEMODE CUEMODE CueMode

CueMode

Cue Mode enter

REPLACE MIX	
DELETE MIX	
DELETE ALL	
EXIT CUEMODE	CueMode

- - “ ”
- - “ ”

-
- CD

Sync

“ ” “ ” Sync > RxSetup

1. scan
2. sync "SYNC NOW..."

level

1. Sync
2.

3. Sync

®

MixMode

▼▲

MixMode L/CH1 R/CH2

MixMode

IFB L/CH1 R/CH2 MixMode

▼▲

LOOP OUT - L R

LOOP OUT

MixMode

MixMode 2 LOOP OUT R

R/CH2

1

LOOP

LED

-
-
-
- level

90 (300)

60 dB

35 –15 (±1 dB)

90 dB ( )

±34 kHz @1 kHz
<0.8% ( )

>80 dB ( )

±2.5 ppm

MPX
19 (±0.3)

FM*, MPX

* ±34 kHz @1 kHz

-18°C +57°C

P9T

: 10, 50, 100 mW (+20 dBm)

50 Ω ( )

850

42 x 197 x 177 , x x

15 , 415

P9RA+

30.5 MHz –3 dB

31 dB

20 dB SINAD

2.2 µV

>90 dB

>70 dB

0.37

22 dB SINAD (±3 dB)

>70 dB

>80 dB

16Ω

100 mW ( )

4

9.5 Ω

	: ±2 dB, ±4 dB, ±6 dB @ 100
	: ±2 dB, ±4 dB, ±6 dB 160 , 250 , 400 , 500 , 630 Q: 0.7, 1.4, 2.9, 5.0, 11.5

	: ±2 dB, ±4 dB, ±6 dB 1 , 1.6 , 2.5 , 4 , 6.3 Q: 0.7, 1.4, 2.9, 5.0, 11.5
	: ±2 dB, ±4 dB, ±6 dB @ 10

: (0 dB) -48 dB 3 dB

: 0 dB -70 dB

154 ( )

83 x 65 x 22 x x

4–6 ( )

G6	470 –506 MHz	10/50/100 mW
G6E	470–506 MHz	10 mW
G6J	470–506 MHz	6/10 mW
G14	506–542 MHz	10 mW
G14J	506–542 MHz	6/10 mW
G62	510–530 MHz	10/50 mW
G7	506–542 MHz	10/50/100 mW
G7E	506–542 MHz	10/50 mW
G7Z	518–542 MHz	10/50/100 mW
H21	542–578 MHz	10**/50/100 mW
K1	596–632 MHz	10/50/100 mW
K1E	596–632 MHz	10 mW
K1J	596–632 MHz	6/10 mW

L6	656–692 MHz	10/50/100 mW
L6E	656–692 MHz	10/50 mW
L6J	656–692 MHz	6/10 mW
P7	702–742 MHz	10/50/100 mW
Q12	748–758 MHz	10/50 mW
Q15	750–790 MHz	10/50/100 mW
R21	794–806 MHz	10 mW
X7	925–937.5	

470-952 MHz 10 BNC BNC	PA805SWB
PWS 480-900 MHz	HA-8089
PWS 480-900 MHz	HA-8091
944-954 MHz	HA-8241
(470-1100 MHz)	UA860SWB
2 BNC-BNC	UA802
6 BNC-BNC	UA806
25 BNC-BNC	UA825
50 BNC-BNC	UA850
100 BNC-BNC	UA8100
4- -1 4	PA421B
8- -1	PA821B
Shure IFB	EAC-IFB

P9RA+

15 (DoC)

RSS-123 ISED

P9T

74

* 15

** 15 74

ISED RSS-123 RSS-102

- 2008/34/EC WEEE 2012/19/EU
- RoHS EU 2015/863

CE

Shure Incorporated 2014/53/EU http://
www.shure.com/europe/compliance

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520-820 MHz 2014 12 31 694-820
MHz