



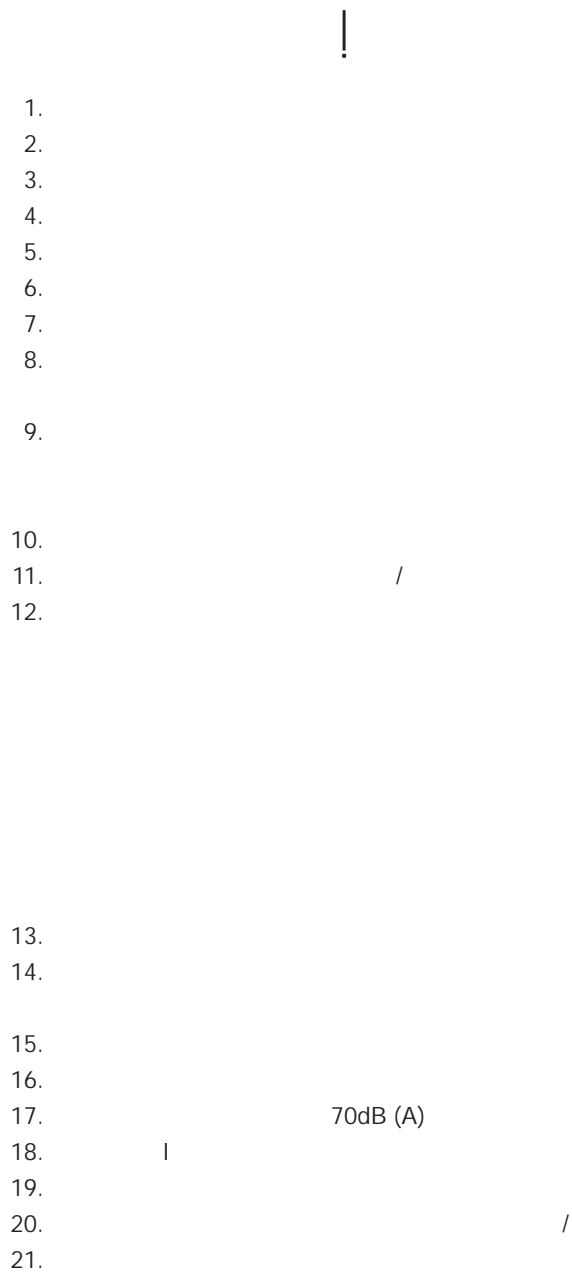
PSM900

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

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PSM900



(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

-

-

- MixMode®

-

20

IR

IFB

- SB900A
- SCB800-US
- SBC200

SB900

SB900A P3RA P9RA+ P10R+ QLX-D®

ULX-D®

- SBC220
P10R+ QLX-D
SBC220

SB900A PSM 300 P3RA PSM 900 P9RA+ PSM 1000
ULX-D Axient® Digital AD1 AD2

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

-

8

①

②

③

④ 2

⑤ 8

⑥ 4

⑦



- 1.
- 2.
- 3.
-
-
- 4.
- 5.
-
-

antenna out BNC

Audio Mono

LCD

Audio INPUT

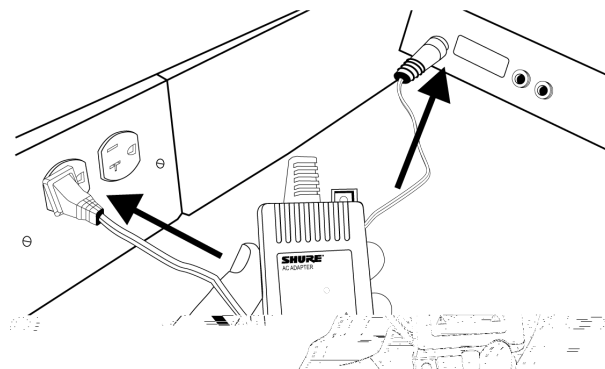
(-10 dBV)

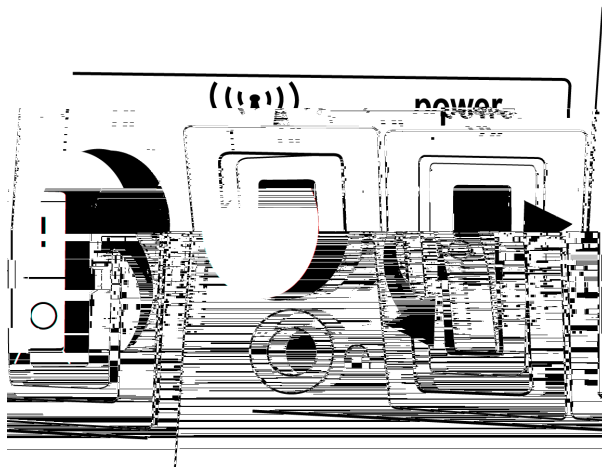
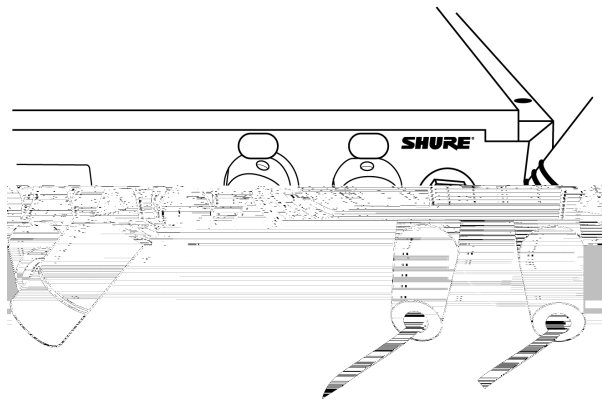
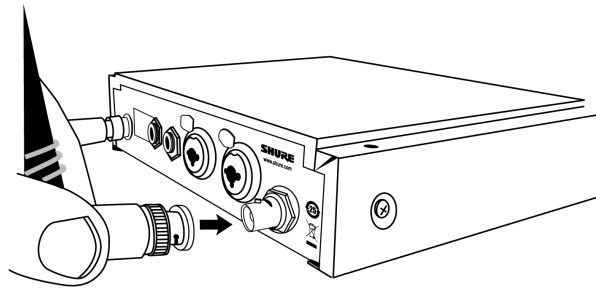
(+4 dBu)

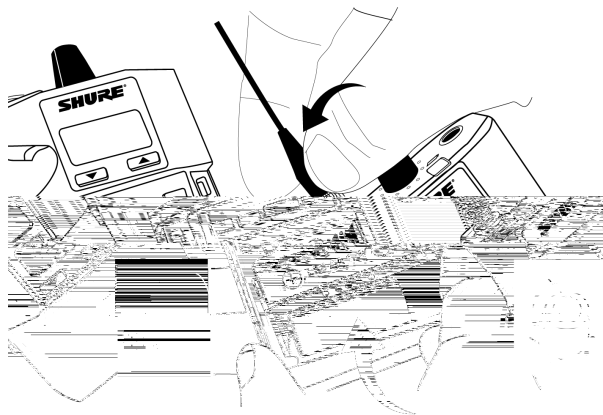
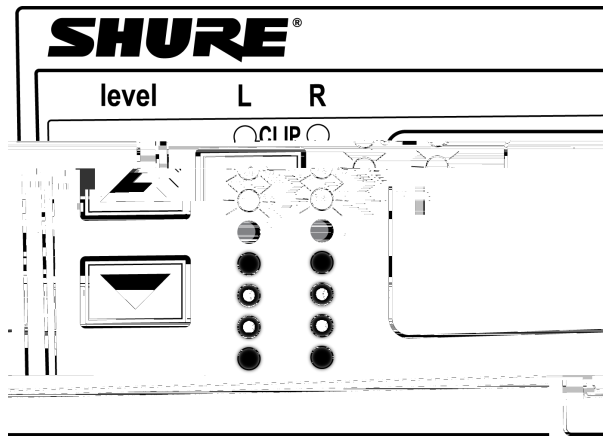
-10 dBV



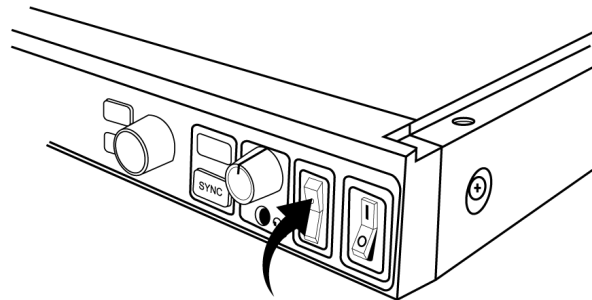
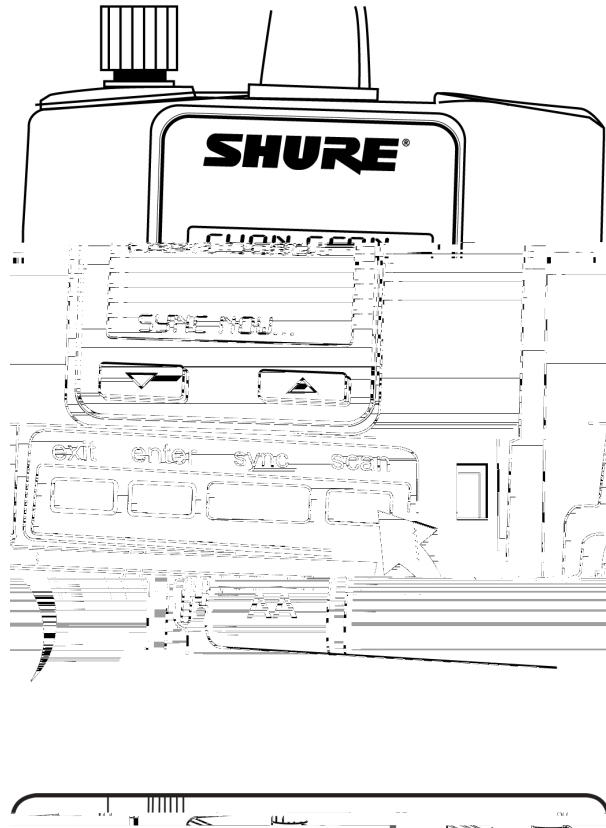
+4 dBu

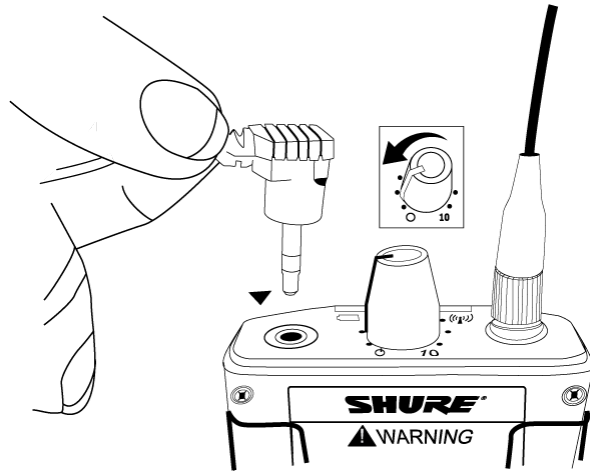


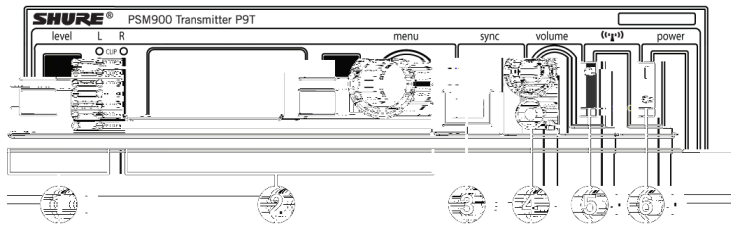




1. scan SYNC NOW...
2. SUCCESS sync Level LED SYNC
3. (RF)
- 4.
- 5.







①



clip

>

②

enter exit

enter

exit

③

sync

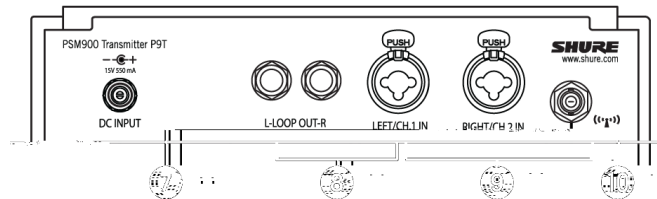
④

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

>

STEREO/MX

MONO

>

LINE +4 dBu

AUX -10dBV

UTILITIES

EDIT NAME

DISPLAY

CONTRAST

CUSTOM GROUP

(ST) MixMode (MX)

BAL MX

MixMode 1 2

BAL ST

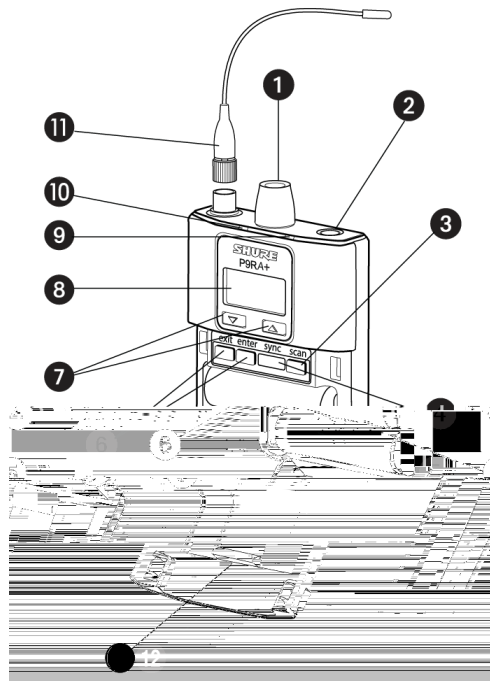
(L) (R)

HIBOOST

>

NO

YES



①

② 3.5

③

④

⑤

2 AA Shure

⑥

▼ ▲

⑦ ▼ ▲

MixMode

⑧

⑨

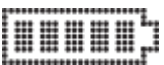
⑩

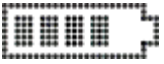
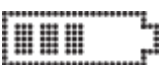



⑪ SMA

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

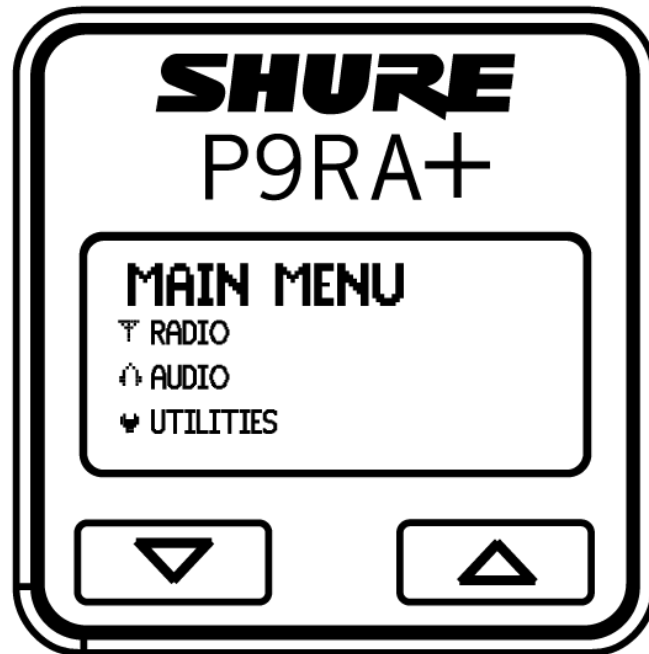
5

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

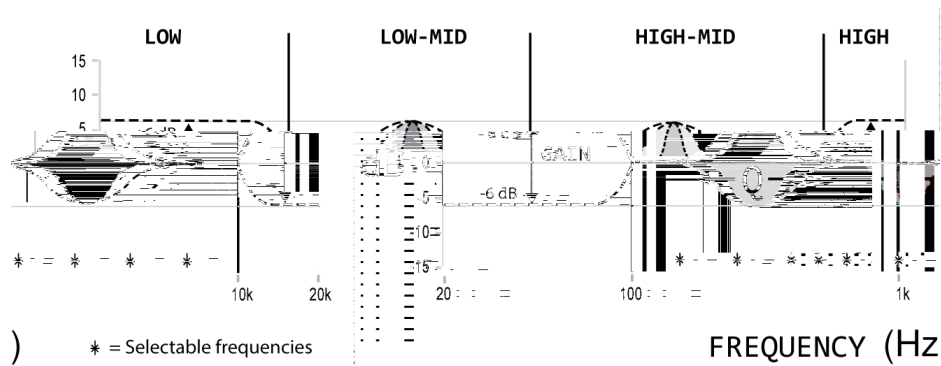
Q

HIGH

10 kHz

LOW

100 Hz



(V LIM)

V LIM

OFF -48 dB

3 dB

dB

(V LOCK)

P9RA+ P10R+ only

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



2. scan
...

SYNC NOW...

Shure Applications

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

" " " " >

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

R/CH2

2

LOOP OUT R

1

LOOP



LED

-
-
-
-

level

90 (300)

60 dB

35 -15 (±1 dB)

A-

90 dB ()

± 34 kHz @ 1 kHz
<0.8% ()

12dB SINAD
>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 μ V

>90 dB

>70 dB

0.37

22 dB SINAD (\pm 3 dB)

>70 dB

>80 dB

1kHz 1% 16

100 mW ()

4

9.5 Ω

	: \pm 2 dB, \pm 4 dB, \pm 6 dB @ 100
	: \pm 2 dB, \pm 4 dB, \pm 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

	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+

RSS-123 15 (DoC)
 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
www.shure.com/europe/compliance

2014/53/EU

<http://>

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EMEAsupport@shure.de



ACMA				2014	12	31	
520-820 MHz				2014	12	31	694-820
MHz							