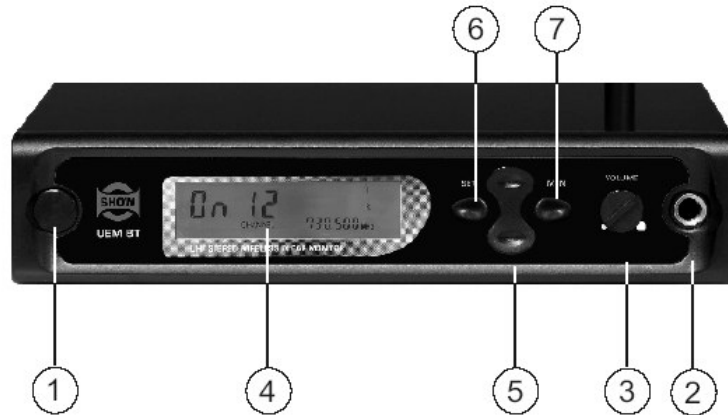


Operation description

NAME OF PART

Front panel :



① Power switch

It switches on/off the main power of UEM-8T.

② Headphone output

This is a 6.3mm phone jack for headphone monitoring.

③ Headphone volume control

It controls volume level for headphone.

④ LCD display

The LCD shows RF signal, group value, channel value, audio level and the selected frequency.

⑤ UP/DOWN key

In this menu mode, you can choose the right value via these two keys.

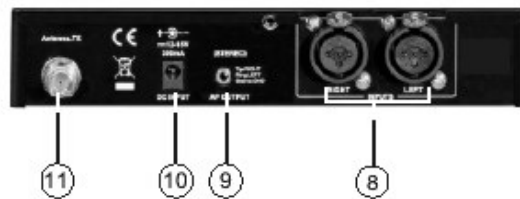
⑥ SET key

Via this key, you can choose the right function you want.

⑦ MEM key

This key is used to save the exact function you select.

Rear panel :



⑧.MIC input

This is a jack for inputting MIC signal.

⑨.Input mode

There are totally four input modes here. They are 1-MIXER/CD PLAYER, 2-CASSETTE PLAYER, 3-RADIO TUNER, 4-AUX INPUT respectively.

⑩.DC input socket

It is used to connect an attached adapter.

⑪.Antenna

This antenna transmits signal for receiver. To get effective transmission, never cover the antenna with hand, clothes, etc during the operation, and always position the transmitter nearby the receiver.

OPERATION

4.1 Make the right connection for the system

4.1.1. Please make sure first the voltage is correct, and then plug the power supply cord into DC INPUT jack.

4.1.2. Install the antenna for UEM-8T.

4.2 UEM-8T TRANSMITTER



4.2.1 Turning on/off RF signal



Press SET key once and use UP and DOWN key to switch ON/OFF RF signal. If "ON" remains flashing, it means the RF signal is turned on. If "OFF" remains flashing, it means the RF signal is turned off. Then press MEM key to save it.

4.2.2 Selecting channel



Press SET key twice, and "channel" keeps flashing. It means the unit is in the

mode of selecting channel. Use UP or DOWN key to select the channel you want. When one channel is selected, the corresponding frequency is presented. If one channel is selected, press MEM key to save it. If one channel is selected from the transmitter, select the corresponding channel from receiver.

Notes: For frequencies of channels in detail, please refer to the Annex.

4.2.3 RF output power



Press SET key three times and RF power could be then set. Use UP and DOWN key to adjust the audio output power. The output power has two choices, 0 stands for 10mV, 1 stands for 100mV. When the RF power has been set, please press MEM key to save it.

ANNEX

The frequencies which corresponds to the channels are as follows.

CHANNEL F2 535-564	1	2	3	4	5	6
	535.125	535.875	536.775	538.875	557.875	563.125
CHANNEL F2 535-564	7	8	9	10	11	12
	535.500	536.250	537.150	539.250	558.250	563.500
CHANNEL F2 535-564	13	14	15	16		
	547.725	547.925	558.475	563.725		

Specifications

MODEL	UEM-8T
Frequency range	535-564MHz
Frequency stability	$\pm 0.005\%$ at 25°C
Antenna output	TNC socket 50 Ω
RF output power	0=30mW 1=100mW
AF frequency response	50-15KHz
Modulation	Stereo FM working on the "pilot tone" principle
Spurious emission	>55dBc (type)
Power supply extend DC	12-15V 550 mA AC/DC adaptor
Headphone output	1/4 (6.3mm) ϕ stereo jack
AF inputs	XLR/6.3mm ϕ , RCA line
THD at 1kHz	$\leq 1.2\%$
Dimensions	210(W) X 232(D) X 44(H)mm 8.27" x 9.13" x 1.73"
Weight	1.45Kg (3.21lb)