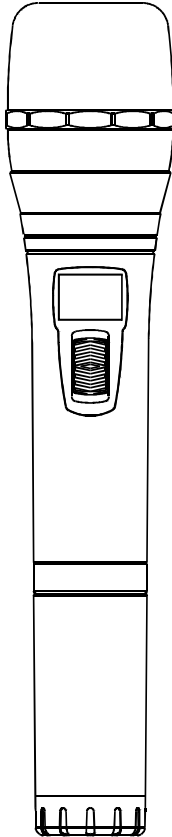


SONODYNE®

SVM SERIES

SVMWDH1 | SVMWLH1
professional wireless microphone systems | owners manual



STATUTORY INFORMATION/ CLEANING

CHECKLIST

Please check that the following are included:

	RECEIVER	HAND-HELD MIC	SET OF LAPEL MIC	POWER ADAPTER	CABLE TRS-TRS	AA BATTERY	OWNERS MANUAL
SVM WDH1	1	2	-	1	1	2	1
SVM WLH1	1	1	1	1	1	2	1

IMPORTANT: The lapel mic set consists of one body-pack transmitter, one lapel mic and one headset mic. Be sure to retain the original packing incase re-shipping is required.

NOTE:

1. Do not open the receiver or try to repair the product yourself. No user-serviceable parts inside
2. Unplug the adapter from the mains when not in use for a long time
3. Do not charge the batteries

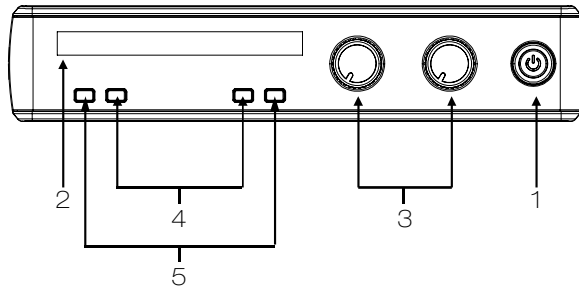
CLEANING

Please make sure the power is disconnected before cleaning or repairing the receiver

The receiver can be cleaned by using a soft cloth with water. Dry the receiver with a dry cloth and let it air dry for 15 minutes

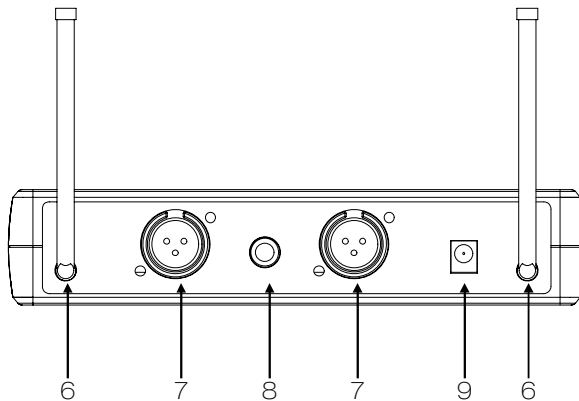
Please do not use volatile gasoline, diluents or other chemicals to clean the receiver as this will damage the surface

RECEIVER FRONT & REAR PANEL



RECEIVER FRONT PANEL

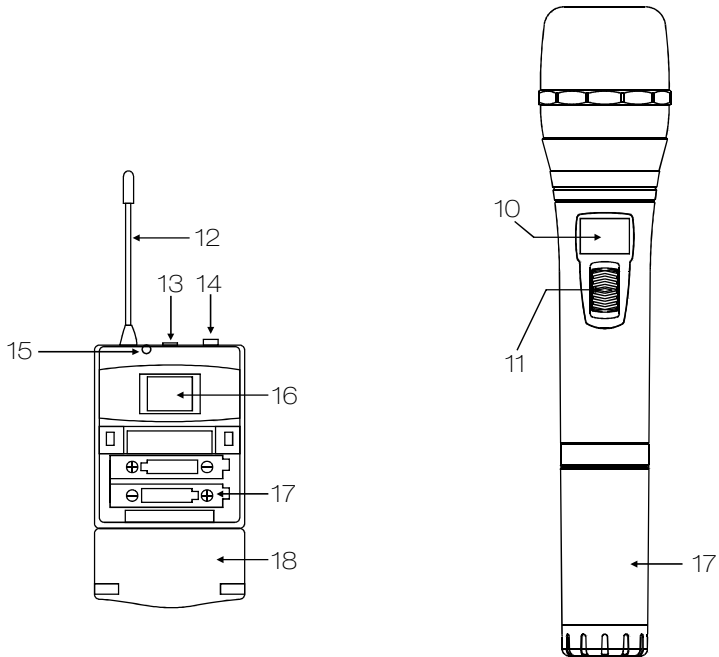
1. POWER SWITCH: Press this switch to turn the unit on or off
2. DISPLAY PANEL: This shows the channel no. and the transmitting frequency
3. VOLUME CONTROL: There are 2 volume controls - one for CH-A and one for CH-B
4. AF: This lights up when the microphone receives signal. One is for CH-A and one is for CH-B
5. RF: This lights up when the microphone is switched on. One is for CH-A and the other for CH-B



RECEIVER REAR PANEL

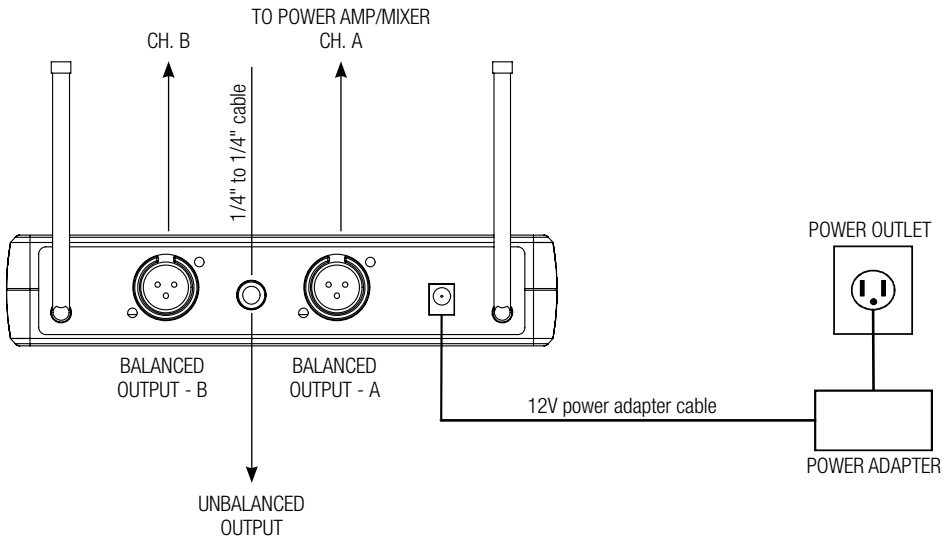
6. ANTENNA
7. BALANCED AUDIO OUTPUT for CH-A and CH-B
8. UNBALANCED MIX OUT
9. DC INPUT JACK: 12V DC

TRANSMITTERS



10. LCD DISPLAY - Displays transmitting frequency
11. POWER SWITCH - Slide up to switch on, slide down to switch off
12. ANTENNA
13. POWER SWITCH: Press the button for 2-3 seconds to turn on, the LED lights up. Press the button again for 2-3 seconds to turn off
14. 3.5mm PHONE JACK for MIC
15. LED INDICATOR: Lights up when turned on. Flashes in low battery condition
16. LCD DISPLAY: Displays transmitting frequency
17. BATTERY STORE COMPARTMENT
18. BATTERY COVER

INSTALLATION



1. Connect receiver to 12V 1000mA DC adapter
2. Connect one end of a 1/4" TRS to TRS cable to the receiver's UNBALANCED AUDIO OUTPUT (MIX) and the other end to a mixer or power amplifier. If you are using the BALANCED AUDIO OUTPUT use an XLR cable or XLR to 1/4" TRS cable
3. Unscrew the cover handle of the microphone counter-clockwise to check to see if there are batteries. If not, put the batteries in the microphones in the correct polarity.

TROUBLESHOOTING

If you are having operating problems or suspect something is wrong with the unit, please check the troubleshooting list below to see if the issue is a result of incorrect operation rather than equipment malfunction

PROBLEM:	Receiver: No sound, no lights
POSSIBLE CAUSE:	<ul style="list-style-type: none">• Power Button is off• DC power adapter not plugged in• Poor connection of DC power adapter
SOLUTION:	<ul style="list-style-type: none">• Turn on the power button• Plug in the DC power adapter• Check to see if the DC power adapter is loose

PROBLEM:	Microphone: No sound, lights on
POSSIBLE CAUSE:	<ul style="list-style-type: none">• The transmitter is out of range• Microphone switch is off or muted• Microphone volume is turned down• Batteries in the microphone not installed properly• The antenna is not fully functional• Receiver is not connected to an amplifier or mixer
SOLUTION:	<ul style="list-style-type: none">• Operate the unit in the effective range• Turn on the microphone switch (indicated by green light)• Turn on the microphone volume on the receiver• Reinstall the batteries. Make sure the positive and negative ends are installed correctly• Try to change the angle of the antenna• Connect the phone jack cable from the receiver to a microphone input (mixer, player etc). See page 4 for details

PROBLEM:	Distorted sound, feedback
POSSIBLE CAUSE:	<ul style="list-style-type: none">• The 2 microphones are too close together• Batteries running low in microphones• Microphone volume is too high
SOLUTION:	<ul style="list-style-type: none">• Separate the microphones further apart• Replace the batteries• Reduce the volume of the microphone• Move the receiver away from electric equipments

FEATURES & SPECIFICATIONS

FEATURES

Two high sensitivity microphones with LCD indicators
Noise reduction technology
Applicable for medium and small stages and home entertainment etc.

SPECIFICATIONS

RECEIVER

FREQUENCY RANGE: UHF 520-580MHz, 615-675MHz
SENSITIVITY: -105dB @ sinad= 12dB
S/N RATIO: >105dB
THD: <0.5% @ 1kHz
IMAGE REJECTION: 85dB typical
SPURIOUS REJECTION: 75dB typical
FREQUENCY RESPONSE: 40Hz ~ 18kHz
WORKING DISTANCE: >200 ft
AF OUTPUT IMPEDANCE: 2.2kOhm
MAX. OUTPUT LEVEL: Balanced 0~400mV, Unbalanced 0~200mV
DISPLAY: LCD
POWER SUPPLY: External DC power supply, 1A, 12V DC
OUTPUT CONNECTOR: XLR balanced socket, Unbalanced TRS 6.35mm socket

TRANSMITTER

TRANSMITTER POWER: 30mW
SPURIOUS EMISSION: <40dB (with carrier)
DISPLAY: LCD
BATTERY VOLTAGE: 1.5V x 2 pcs
BATTERY LIFE: 6-8 hours

Due to continuous improvements, all specifications are subject to change

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