

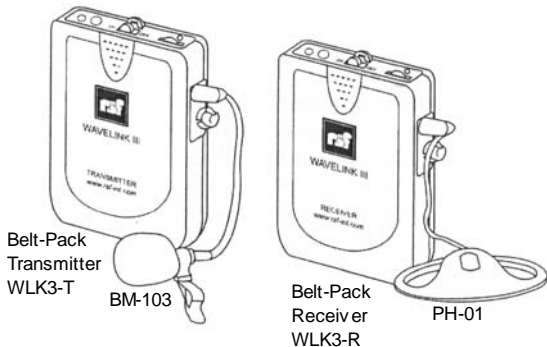


WAVELINKIII

Instruction Manual

Wireless tourguide system/
Assistive listening system/
Multi-language translation system/
Multi-language film projection...

Thank you for choosing RSF's WAVELINKIII wireless communication system. For best performance, please read this manual thoroughly before operating the unit. Please return to this manual for future reference.



Made to RSF's highest quality standards

Transmitter WLK3-T / Receiver WLK3-R

High quality belt-pack UHF wireless transmitters and receivers designed for use in different applications, including:

Tourguide visits, multi-language translation systems, multi-language film projections, auditoriums, and outdoor activities.

Image1



How to properly place the earset?

The correct way to use the earset is to place it as per image1: the W shape part in front of the ear, and the half circle and the cable at the rear side of the ear.

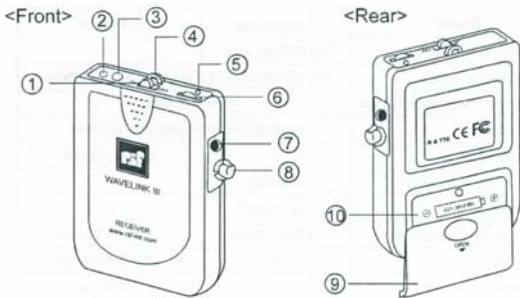
NOTE REGARDING THE USE OF LAVALIERE MICROPHONES:

When using a lavalier microphone, try placing its' capsule close to your mouth without increasing the volume level too much. This will achieve best reception results.

Operation/ Helpful hints

- (1) The transmitter and the receivers of the same group should be switched to the same channel to be able to communicate. There are 16 available communication channels: "CH 1-16".
- (2) Up to 6 channels can be used in a same area without any interference. Ask RSF for the list of these channels.
- (3) The earset cord provides the antenna for the Receiver. For best reception, do not hold the earset cord.
- (4) Adjust the volume control to a comfortable and intelligible listening level.

Description of the parts



1. Power switch: Power on/ Power off.
2. Ant jack.
3. Aux in: External audio input/ Aux out: Audio out (Amplifier).
4. Neck strap jack.
5. Power indicator: A green light flashes once when the unit is turned on. A continuous red light indicates that the batteries are almost out of power.
6. Volume Control knob.
7. Microphone input jack for the transmitters or earphone input jack for the receivers - 3.5 mmO.
8. Communication channel selector: Channels 1 to 16.
9. Battery compartment cover.
10. Battery compartment containing 2 x 1.5V(rechargeable AAA). Place the negative and positive polarities properly.

NOTE REGARDING THE BATTERIES:

To preserve the longevity of the rechargeable batteries, remove them from the units when the units are not in use for a long period.
Options: Headset or Lavalier microphone.

SPECIFICATIONS

Model	Transmitter	Receiver
Microphone Type	Condenser type	-
Oscillation Mode	Microprocessor PLL synthesized controlled	
Carrier Frequency Range	680-960MHz	
Channel	Synthesized controlled 16 channel	
S/N Ratio	-	80dB overall
Spurious Emission	<-50dBc	-
Power Output	Max 10mW	-
Current Consumption	50mA +10mA	70mA +10mA
Sensitivity	-	-90dBm +2dBm
Deviation	-	40KHz
Stability	< +0.005%	
T.H.D.	-	<0.5% (At 1KHz)
Frequency Response	100Hz~15KHz(+3dB)	
Antenna	Built in or External	
Operation Range	60m	
Battery Life	8~10 hours	
Audio Input	3.5mm jack	
Dimension(HxWxD)mm	85 x 60 x19 mm	
Weight	60g	
Battery	AAA x 2(UM-4)	



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WavelinkIII Band Frequencies to use in Parallel

Band1: 744~752MHz		Band2: 794~806MHz		Band3: 863~865MHz	
CH	MHz	CH	MHz	CH	MHz
0	744,03	0	794,10	0	863,05
1	744,55	1	794,63	1	863,18
2	744,98	2	795,03	2	863,30
3	745,33	3	795,78	3	863,43
4	745,85	4	796,25	4	863,55
5	746,28	5	797,90	5	863,68
6	746,63	6	798,45	6	863,80
7	747,10	7	799,13	7	863,93
8	747,75	8	799,88	8	864,05
9	748,13	9	800,35	9	864,18
10	748,68	10	801,93	10	864,30
11	749,23	11	802,68	11	864,43
12	749,75	12	803,13	12	864,55
13	750,13	13	803,88	13	864,68
14	750,88	14	804,53	14	864,80
15	751,50	15	805,68	15	864,93