

# PRO MIC

## ENGLISH

- ✎ Before using your microphone, read this manual carefully to ensure correct use.
- ✎ Before using the wireless microphone system for the important show, it is the best to debug the system by the career man.

**Wireless Microphone  
OPERATING INSTRUCTIONS**

## MAIN FEATURES

- Wide frequency response, high S/N ratio.
- High precision quartz crystal locked frequency technology.
- Resist disturbing strongly, limits noise output.
- Super silent function. low T.H.D.
- No hitting when putting on the switch, so can protect the amplifier and Speakers.
- With a complete working state and power level indicating
- With a wide using range for over 100m in a good surrounding, for 40-60m in a duplicate one.
- A double-way channels designed, two hands holding each two microphones at the same time to sing without any disturbing caused by.

## Professional Dual Wireless Microphone

### USE FOR:

DJ'S KARAOKE SINGERS PUBLIC  
SPEAKERS CLERGY AEROBIC INSTRUCTORS  
AUCTIONEERS TEACHERS ETC...



VOCAL CONCERT



ORATION

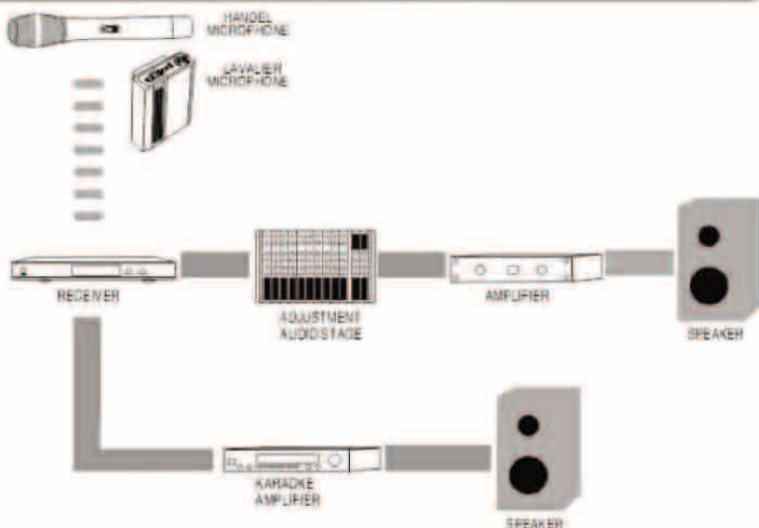


GATHER NEWS



QUALITY

## SYSTEM CHART



## SPECIFICATIONS

Carrier Frequency:	174-216MHz
Frequency Steadying:	Less than 0.002%
Modulation Mode :	FM
Audio Dynamic Range:	Over 90dB
Audio Frequency Responses:	50Hz - 15KHz $\pm 3$ dB
Audio Output Level:	0~300mV
S/N Ratio	Over 70dB
T.H.D:	Less than 0.5%
Sensitivity:	3uV For 30dB S/N
F/N Ratio	Over 80dB
P/N Ratio	Over 80dB
Output Power:	10mW
Power:	AC 220V or 110V
Battery	9V Layers Style
Operating environment Temperature:	-20~50°C
Operating environment Humidity:	10~90%

## SETTING UP

### 1 Antennae

Fully extend the antennae and set them at an angle of 90 with floor. The two antennae are positioned this way to achieve the best pick-up reception.

### 2 Setting Up

1. Don't put the receiver in a corner in order to work in a good condition.
2. Do not place the receiver near digital controlled equipment.
3. Connect the XLR-output to the corresponding input of the mixing console or amplifier. Using the output level control you can adjust the gain.
4. Connect the power supply unit to the receiver and to DC power input socket.
5. To adjust the input gain turn the squelch control to maximum.
6. Switch on the transmitter. If more of the RF signal indicator illuminated, that means the receiving signal strength.

### 3 Squelch

Switch off the transmitter before you change the squelch. Now the receiver should be muted. If it is not, then slowly adjust the squelch until all unwanted signals are muted. As soon as the receiver has been muted, the On/Mute LED (2) is illuminated red. Setting the level too high, however, will reduce the range of your system.

Squelch control to the left = minimum range      caution: Interferences occur!

Squelch control to the right = maximum range

## General Instructions For All Transmitters

### 1 Battery Change

1. Switch the transmitter off before changing the battery.
2. If you do not intend to use the transmitter for several weeks or months, please remove the battery as it can leak after some time and damage parts of the transmitter.

### 2 Before The Sound Check

1. Make sure the transmitter and receiver are on the same frequency.
2. The distance between receiving antennae and transmitter should be at least 1m.
3. Try and avoid feedback, especially when you use omnidirectional microphones.

### 3 What To Do The Feedback

Feedback is caused when the microphone is too close to a loudspeaker.

#### **We recommend:**

Reduce the volume of the sound system.

Move away from the loudspeaker.

Reduce the sensitivity of the transmitter.

# Trouble Shooting

## 1 Receiver

Problem	Possible Cause	Solution
No function	<ul style="list-style-type: none"> <li>Power supply is interrupted. Power supply unit is not connected to the receiver</li> </ul>	<ul style="list-style-type: none"> <li>Connect power supply unit to the DC jack socket.</li> </ul>
No reception	<ul style="list-style-type: none"> <li>Transmitter is not switched on.</li> <li>Transmitter works on a different frequency.</li> <li>Receiving antennae are not pulled out.</li> </ul>	<ul style="list-style-type: none"> <li>Switch on the transmitter</li> <li>Make sure that the transmitter and receiver are on the same frequency</li> <li>Extend the receiving antennae.</li> </ul>
Distorted sound	<ul style="list-style-type: none"> <li>Input amplifier or the connected mixer is overloaded.</li> </ul>	<ul style="list-style-type: none"> <li>Use the reduction of the mixer or adjust the volume.</li> </ul>

## 2 Transmitter

Problem	Possible Cause	Solution
No function	<ul style="list-style-type: none"> <li>Transmitter and receiver have different frequencies.</li> <li>Insufficient battery voltage</li> <li>Insufficient battery contact, battery inserted incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>Make sure the transmitter and the receiver are on the same frequency</li> <li>Replace the battery</li> <li>Check the battery and insert it again.</li> </ul>
No RF on the receiver	<ul style="list-style-type: none"> <li>Transmission distance between transmitters and receiver is too far.</li> <li>Defective antenna.</li> <li>Transmitter and receiver have different frequencies.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce the distance between transmitter and receiver</li> <li>Check the antenna and replace it, if necessary</li> <li>Make sure the transmitter and receiver are on the same frequency.</li> </ul>
Noise/chirping	<ul style="list-style-type: none"> <li>Interference from other transmitters</li> <li>Two transmitters using the same frequency</li> <li>Battery of the transmitter is too weak.</li> </ul>	<ul style="list-style-type: none"> <li>Switch off the other transmitters</li> <li>Avoid using two transmitters with the same frequency</li> <li>Replace the battery</li> </ul>

## PRECAUTIONS

### 1 Do Not Open Or Modify

- Do not disassemble the system, as it may cause damage to the unit. For internal repairs, consult your dealer or an Authorized Service Center.

### 2 Cleaning

- Before servicing or cleaning the unit, be sure to disconnect the AC.
- The system can be cleaned by wiping with a soft cloth. To remove stains, wipe with a soft cloth moistened with a mild detergent solution and wrung dry, then wipe with a dry soft cloth.
- Do not use benzene, thinner, or any other chemical product on the system, as this may cause deterioration.

### 3 Be Careful When Handling The Unit

- Use with care, so that no foreign substance (dirt, rain, sand) can enter the unit, as that may cause damage.
- To prevent damage, do not drop the unit or subject it to severe shock or vibration.
- This system is not water-resistant. Do not put it in water and be careful to protect it from rain, sea water, etc...

### 4 In Case Of Problem

Do not use the wireless microphone if it seems not to function correctly. Take the battery out or disconnect the AC immediately and consult your dealer or an authorized service center.

### 5 Licensing

In most countries around the world, wireless systems must be approved for use by the authorities and it may be necessary to obtain licence to use it legally. Your local buyer dynamic dealer will be able to give you details on wireless system regulations for your area.

## WARRANTY POLICY

1. Customer must present this warranty card when warranty service is requested during warranty period.
2. The Warranty will be treated as void if: a) the warranty card is lost, misplaced or amended.  
B) the unit is damaged in transit or misused after your purchase. c) the unit has not been installed, maintained or operated in accordance with the instruction furnished by the manufacturer or authorized distributor. d) any repair or modification other than the authorized distributor has been carried out on the unit.
3. Proof of purchase shall be shown if be requested to substantiate date of purchase. Such proof of purchase must be an original receipt containing the name of the dealer & the serial number of the product (if applicable)
4. Any costs of transport are on account of purchaser.
5. Warranty will not cover those damages due to: a) operation which is not specified on the user manual. B) fault voltage supply. c) fire, flood, or any other will-of-god. d) mechanical damage of cable, casing, connector, cover, panel, plugs, socket, switch and other external moving parts.
6. This warranty does not cover the damage done to others equipment used in conjunction with this unit.
7. The limited warranty period for the product is specified on the front overleaf. Limited warranty service may be obtained by delivering this product to an authorized dealer along with proof of original purchase and description of the fault.
8. Please return faulty product in original packaging. If original packaging is not available, return product in suitable protective packaging to prevent physical damage.
9. This warranty card will not be re-issued.





#### FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

#### RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## WIRELESS MICROPHONE



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.