

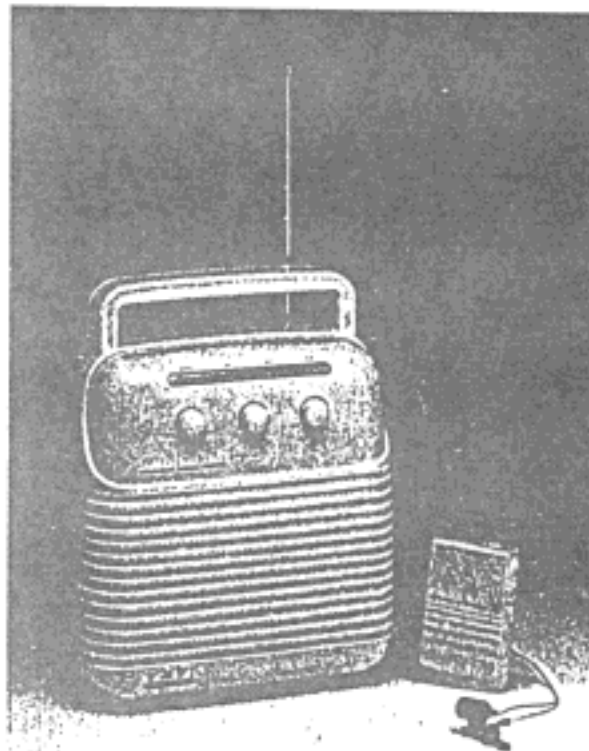


YEUN YAH *A Specialized Manufacturer in Wireless System*

OPERATION MANUAL

Wireless Rechargeable PA Amplifier

Y & Y **YH-6000**



APPLICATION:

- ** Meeting, conference
- ** Classroom
- ** Indoor/Outdoor Activities
- ** Product promotion & presentation
- ** Camping
- ** Demonstration
- ** Karaoke Singing
- ** Multi-Media & other P.A. Amplification

SPECIFICATIONS:

TRANSMITTER (FCC ID: NQCYH6001)

TRANSMITTER	
Frequency Range	VHF 173.6505 MHz
Modulation	FM +/- 15 KHz Max
Power Output	.5 mW Min
Frequency Stability	+/- 10PPM(at 25°C)
Power Source	DC9V
Current Consumption	DC20 mA Max

RECEIVER (FCC ID: NQCYH6000)

Sensitivity	2.5uV Min (under squelch control)
Maximum Power Output	5W Min (at 4 ohms speaker load)
Distortion	5% Max (at 2W Output)
Frequency Stability	+/- 10 PPM (at 25°C)
Hum & Noise	60dB Min
Power Source	AC 110V or 220V/DC 12V (including rechargeable battery)
Current Consumption	800mA Max
Dimensions	width-7.1", height 9.8", depth 4"
Weight	2.2kgs

OPERATION INSTRUCTION

Please read the following information before use:

OPERATION:

PLEASE SWITCH POWER TO THE "OFF" POSITION WHENEVER CHARGE THE BATTERY.

- 1.) Before plugging in the power cord, make sure the voltage of the power source matches the voltage indicated on the rear of the receiver.
- 2.) You should charge the battery for at least 8-12 hours before use. To preserve battery power, always switch power to the "off" position after use.
- 3.) If the product is not used for an extended period of time, charge the battery for 8-12 hours before use -- charge at least once every 6 months to keep the battery in good condition.

RECEIVER

- 1.) To achieve maximum reception, fully extend the RECEIVER antenna.
- 2.) The distances between Microphone & RECEIVER must be more than 5 meters and the direction of the receiver's speaker should not face the microphone in order to avoid feedback.
- 3.) If feedback occurs, follow these procedures:
 - *Move the RECEIVER away from the microphone.
 - *Change the direction of the RECEIVER.
 - *Reduce the volume by turning the volume knob to the left.
 - *Reduce the high tone by turning the tone knob to the left.
- 4.) If the green L.B. indicator illuminates when unit is turned on, this means that battery power is full. If the L.B. indicator becomes red, please plug in the AC for recharging-- the RECEIVER can still be used while recharging.
- 5.) If both the transmitter and R.F. indicator are "on" and the RECEIVER illuminates, the unit is in perfect operating condition.
- 6.) Connect the recorder to "REC" on the rear of RECEIVER, it will be ready for recording.
- 7.) For a larger power output, connect the "REC" with a high-power amplifier or connect the larger unit with "EXT".

- 8.) To further avoid interference, 2 transmitters of the same frequency cannot be used in the same area (Please check the label of frequency on the rear of the RECEIVER).
- 9.) If the RECEIVER is "on" and TRANSMITTER is "off" but interference still persists, lower the height of the antenna to avoid interference from nearby devices.
- 10.) Please turn off the RECEIVER to avoid draining the battery when unit is not in use.

TRANSMITTER:

- 1.) When TRANSMITTER is switched "on", the red LED indicator will flash once.
- 2.) When the transmitter's 9V battery is almost exhausted, the LED indicator will remain lit.
- 3.) When the battery has become weak, connect microphone of transmitter to the "MIC" on rear of RECEIVER to continue use.
- 4.) If the TRANSMITTER will not be used for a long period of time, remove 9V battery to avoid any damage to the transmitter.

FEATURES:

- YH-6000 was produced by the latest SMT machine, high stability.
- YH-6000 includes rechargeable batteries which provide eight hours of continuous use after 8 hours of charging. Can even be used outdoors without an AC power connection.
- Tone control is designed for the best tone output.
- Echo control design for Karaoke.
- VHF (170MHz- 174MHz) frequency with low interference. Crystal Oscillator Circuit, frequency is stable for excellent reception.
- High sensitivity circuit design, it still has normal volume output even if microphone is far away from voice or source.
- Compact, lightweight, easy to carry.
- Signal output receptacle allows for easy connection to high powered amplifiers, recorders and large speaker boxes.
- When the battery has become weak, connect microphone of TRANSMITTER unit to "MIC" on the rear of RECEIVER unit to keep on using.
- Transmitter has hidden space for power cord storage and for easy carrying.