



## Rechargeable Transmitter Microphone



**MIPRO Electronics Co., Ltd**

Headquarters : 814 Pei-Kang Road, Chiayi, 60096, Taiwan  
Tel : +886.5.238.0809      Fax : +886.5.238.0803  
www.mipro.com.tw      mipro@mipro.com.tw

## Innovative Solutions for MIPRO Rechargeable Transmitters

### Wireless microphone power supply design and concept changes with increased environmental awareness.

Many audio professionals around the world have adopted the usage of rechargeable batteries in wireless microphone systems. However, many sound engineers still prefer to use the standard disposable battery during live performances instead of rechargeable ones. The main reasons are:

1. Inconsistent rechargeable battery quality results in no confidence.
2. Inferior, cheaply designed battery chargers cause poor charging effects and safety hazards.
3. Forgetting to charge the battery before or dealing with a low battery during a performance and being unable to charge or change the battery quickly.
4. Over-priced name-brand rechargeable batteries can be difficult to buy, making replacement of these batteries inconvenient.

### Innovative design solves these deficiencies

1. MIPRO uses a generally available high-quality single rechargeable lithium battery, the ICR18500. Replacement and installing times are greatly reduced and simplified compared with removing and replacing two AA disposable batteries.

### Rechargeable Lithium Battery Insertion



2. The MIPRO intelligent battery charger provides both fast & trickle charging with battery short circuits and wrong polarity protections. Precise indicators for charging (red) and charged (green) give charging status. Once charged, the current is shut off to protect battery safety and prolong the battery life.
3. MIPRO's versatile 3-in-1 MP-80 battery charger holds a handheld or bodypack and a ICR18500 rechargeable battery simultaneously. Also, slots for two spare charged batteries are provided and the charger can be interlinked for multiple battery chargers.

### Interconnected Chargers



### Charged Indicators



### Charging Methods



4. MIPRO rechargeable transmitters can be recharged directly on the battery charger after each use for 100% power, ready for the next usage. Each charge lasts up to 12 continuous hours and it is easy to replace or install, eliminating the worries of audio professionals having to replace new batteries after each performance. The rechargeable battery used by MIPRO is reliable and dependable and can be recharged up to 500 cycles, saving money and helping the environment.

### MIPRO rechargeable battery assures dependable performances

MIPRO rechargeable wireless microphones can be used in many installation markets such as schools, houses of worship, presentations, karaoke, stages, and other general places where sound reinforcement is needed. They are convenient, easy to use, and environmentally friendly. It is a good alternative to the disposable battery method for audio professionals, avoiding constant battery changes and low battery issues as well as providing a savings in both money and time spent in buying batteries.