

# TA-80 Digital Wireless Plug-on Transmitter

## Introduction

The MIPRO TA-80 is a digital miniature wireless plug-on transmitter with balanced XLR mic input jack, designed for professional interview applications. It allows condenser or dynamic wired microphones to become wireless and is compatible with ACT-8 series receivers for premium sound quality.

The TA-80 has a compact and ultra-thin rugged aluminum housing construction. The input jack is easy to install and remove, and can be screw-locked with the microphone. It provides phantom power of 12, 48 V switchable levels for condenser microphones with up to 10mA current load. When the transmitter is connected to dynamic microphones, the phantom power can be turned off. A backlit LCD panel shows all operational parameters.

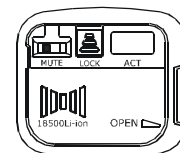
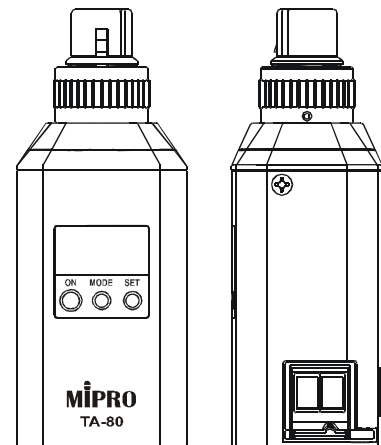
An ICR 18500 rechargeable lithium battery provides a minimum 8 hours of operation and can be recharged over 600 times. Even when set to 48V phantom power, it provides a minimum 5 hours of operation. Simply charge the transmitter in the charger after each use. It's also easy to remove and replace the battery or charge the battery in the charger.

## Accessories

MP-80	3-in-1 Transmitter Charger Station
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## Technical Specifications

Housing	Aluminum alloy
Frequency Range	470 - 934 MHz
Oscillation Mode	PLL Synthesized. Frequency stability $\pm 0.005\%$ (-10 - +60 °C)
RF Output Power	10 mW / 50 mW switchable (country dependent)
Spurious Emissions	-60 dBc
Antenna	Internal
Modulation Type	New digital modulation
Audio Compression	DSP Inertial coding
LCD Display	Group, Channel, Frequency, AF gain, Low-cut, Limiter, Encryption status, RF power, Phase, Lock status, Mute mode, Battery status & Error codes
Gain Setting	+30 dB, +24 dB, +18 dB, +12 dB, +6 dB, 0 dB, -6 dB, -12 dB, -18 dB (9 settings). 0 dB = microphone sensitivity
Phantom Power	12 V / 48 V switchable, with phantom power on indicator. 48 V provides up to 10 mA current load. Phantom power is not required for dynamic microphones.
Mic Input	Balanced XLR
Battery Type	ICR 18500 rechargeable lithium battery $\times 1$
Current Consumption	Approx. 140 mA (Low power, phantom power off)
Operating Time	Minimum 8 hours of operation (Low power, phantom power off)
Dimensions (W $\times$ H $\times$ D)	44 $\times$ 114 $\times$ 37 mm / 1.7 $\times$ 4.5 $\times$ 1.5 "
Weight	Approx. 165 g / 5.8 oz, excluding battery



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Specifications subject to change without notice. SS015/07