

# Meicheng®

## UHF PLL 16 CH. TRANSLATION TOUR-GUIDE-SYSTEM

- **WT-480T** BODY PACK TRANSMITTER
- **EJ-801TS** HANDHELD MICROPHONE
- **WT-480R** BODY PACK RECEIVER

### SYSTEM FEATURES:

- UHF band 740-865 MHz, PLL synthesized with 16 selectable frequencies, multiple channel operation.
- Portable, wireless listening, easy to set up and use. No installation is required. Operating over distance of approximately 100 meters(300 feet).
- It accommodates any number of users with additional receivers.
- Up to 6 frequencies can be used simultaneously allowing the system to be used for multi-language or simultaneous translation applications..
- This system helps tour groups overcome background noise and distance from the guide-even in noisy surroundings. Use it in factories, museums, power plants, zoos, theme parks, tourist attractions-anywhere tours are conducted.
- **WT-480T** with hidden electric condenser microphone, **WT-480R** with hidden super thin speaker, could be applied without the lapel microphone or earphone conditions.
- Match with dual slots charging stand **HDC-202** or 30 slots portable charging case **HDC-30**, easy to recharge battery, no need to buy additional batteries.

ROHS • CE • FCC approvals



▲ **WT-480T**  
BODY PACK TRANSMITTER

▲ **WT-480R**  
BODY PACK RECEIVER

▲ **HDC-30**  
CHARGING SUITSASE

▲ **EJ-801TS**  
HANDHELD  
MICROPHONE

▲ **HDC-202**  
CHARGING STAND

**UHF PLL 16 CH. IN - EAR MONIT OR SYSTEM**

- **EJ-880T** STATIONERY TRANSMITTER
- **WT-480R** BODY PACK RECEIVER

**SYSTEM FEATURES:**

- With UHF PLL 16 preprogrammed selectable frequencies, the mini receiver with wireless transmitter can provide in-ear monitoring for the performance on stage.
- The system provides the highest audio quality, interference-free transmission reliability.
- 1/2 19" EIA standard rack mountable case. Combine two transmitters in a 19" rack by using optional rack mount kit.
- Feature a 6.3 mm mic. input and a XLR balanced input for various audio compatibility.
- Top audio quality is assured by low noise circuitry and a sophisticated audio processor.

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UHF PLL 16 CH.  
TRANSLATION TOUR-GUIDE  
SYSTEM  
UHF PLL 16 CH.  
IN - EAR MONITOR  
SYSTEM



▲ **EM-101**  
SINGLE SIDED HEADPHONE



▲ **KM-5LTA**  
LAVALIER MICROPHONE



▲ **L-2LT**  
LEATHER HOLSTER



▲ **EJ-880T**  
STATIONERY TRANSMITTER

## WT-480T / WT-480R (16-CH, UHF-PLL Translation Tour Guide Systems)

## EJ-880T (16-CH, UHF-PLL IN-EAR Monitor System)

### Key Specifications / Overall system

Oscillation Type	: PLL synthesized control OSC
Carrier frequency range	: UHF 740 ~ 865 MHz (according to regulation)
Adjustable frequencies	: pre-programmed 16 switchable frequencies
Switching bandwidth	: max. 12 MHz
Ambient temperature	: -10 °C~ 50 °C
Maximum deviation	: 50 kHz, with level limiting
Compander system	: compander and ALC
Dynamic range	: > 80 dB
T.H.D.	: < 1 %
Pre/De- Emphasis	: 50 ms
Audio frequency response	: 150 Hz ~ 10 kHz
Sensitivity	: adjustable
Antenna	: helical antenna
Battery	: 1.2 V (Ni-MH.1300 mAh) x 2 AA type rechargeable battery 1.5V X2 AA Alkaline disposable
Operating range	: 70 ~ 100 M (opening field)

### WT-480R Receiver

Receiving mode	: PLL single-channel receiving
Sensitivity	: 4 mV (at 20dB SINAD)
Double intermediate	: 70.7 MHz and 10.7 MHz
Audio level	: 0 dBv
Earphone connector	: 3.5 mm jack socket, for mono (built-in or stereo without speaker)

Battery life Ni-MH. rechargeable

Battery life Alkaline disposable : 16 hours typical

Dimensions (DxWxH) : 92 x 65 x 25 mm

Weight with battery : 130 g

### WT-480T Transmitter

Mike	: condenser mic.
RF output	: 10 mW (according to regulation)
Spurious emission	
Battery life Ni-MH. rechargeable:	10 hours typical
Battery life Alkaline disposable	: 17 hours typical
Dimensions (LxWxH)	: 92 x 65 x 25 mm
Weight with battery	: 128 g

### EJ-801TS Handheld Microphone

Mike	: dynamic mic. or condenser mic.(option)
Antenna	: build in
RF output	: 10 mW (according to regulation)
Spurious emission	: less than 250 nW
Battery life Ni-MH. rechargeable:	10 hours typical
Battery life Alkaline disposable	: 17 hours typical
Dimensions (Dia x L)	: 51 x 237 mm
Weight with battery	: 285 g

### EJ-880T IN-EAR Monitor Transmitter

RF output	: 10 ~ 50 mW (according to regulation)
Antenna	: TNC connector helical antenna
Audio Inputs	: 6.35 mm jack plug, bal. 3-pin XLR, RCA jack
Audio outputs	: 6.35 mm and 3.5 mm Jack plug for stereo earphone
Output level	: 0 dBv
Audio metering	: 5-LED string
Power requirements	: 115V/230V AC adaptor 12V DC,500mA
Dimensions (DxWxH)	: 215 x 220 x 44 mm
Weight	: 1.2 kg

### HDC-30 Charging Suitcase

Number of charging compartments	: 30 (receiver or transmitter)
Power requirements	: 115V/230V AC adaptor 8V DC,5A
Indicator lights LED green	: battery ready
LED red	: recharging
Charging current	: approx. 120 mA
Charging time Ni-MH(1300mAh)	: 10 ~ 12 hours
	: PWM control, TIMER power-off detector
Dimensions (DxWxH)	: 64 x 30 x 16.5 cm
Weight	: 5.5 kg

### HDC-202 Charging Stand

Number of charging compartments	: 2 (receiver or transmitter)
Power requirement	: 115V/230VAC adaptor 12V DC,500mA
Power controls	: on/off switch
indicator lights LED green	: battery ready
LED orange	: recharging
LED red	: power on
Charging current	: approx. 250 mA
Charging time Ni-MH.(1300 mAh)	: 4 ~ 5 hours
Charging control	: PWM control, -DV and TIMER power-off detector
Dimensions (DxWxH)	: 230 x 135 x 47 mm
Weight	: 360 g

### Accessories

KM-5LTA	Lavalier Microphone (Ominidirectional)
EM-101	Single-sided Headphone
E-480	Earphone Holster
L-2LT	Leather Holster



UHF PLL 16 CH. TRANSLATION TOUR-GUIDE-SYSTEM

UHF PLL 16 CH. IN - EAR

MONITOR SYSTEM

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