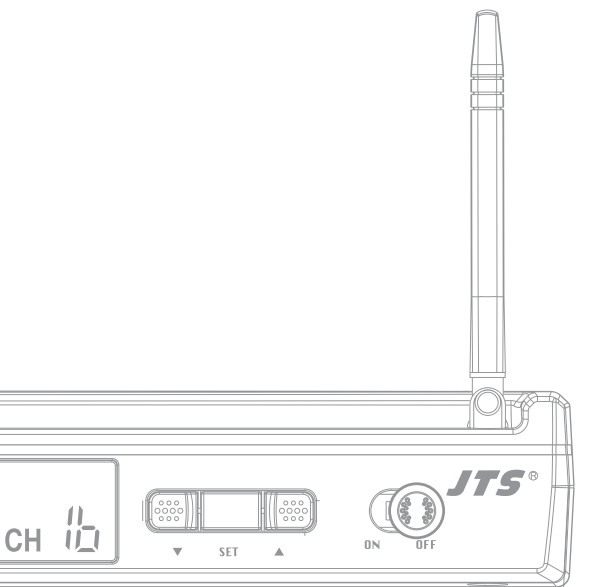


# Music Life **INFINITY**



## UHF PLL Single Channel Diversity Wireless System

- \* The system is of the innovative design to allow changing the transmitter's frequency by long-distance.
- \* Preset 4 groups each of 16 UHF channels.

# IN64

REMOSET®

Thank you for choosing the JTS wireless system. In order to obtain the best efficiency from the system, you are recommended to take few minutes to read this instruction manual carefully.

# INDEX

1. Important Caution	1
2. Features	1
3. Specification	2
3-1 UHF PLL Single Channel Diversity Receiver // IN64R	2
3-2 UHF PLL Handheld Transmitter // IN64TH IN64THSM	2
3-3 UHF PLL Body-Pack Transmitter // IN64TB	3
3-4 Optional Condenser Microphone	3
4. Part Identification & Accessories	6
4-1 UHF PLL Single Channel Diversity Receiver // IN64R	6
4-2 UHF PLL Handheld Transmitter // IN64TH IN64THSM	7
4-3 UHF PLL Body-Pack Transmitter // IN64TB	8
4-4 Optional Condenser Microphone	8
4-5 Accessories	11
5. Connection	12
6. Operation	13
7. Recommendation	22
8. Important Notice	23

## 1. Important Caution

- Always makes all connections before plugging the unit into an AC power outlet.
- Do not leave the device in a place neither with high temperature nor high humidity.
- Always do not handle the power cord with wet hands!
- Keep the devices away from fire and heat sources.
- Pair the ID codes of the transmitter and the receiver to have proper function.

## 2. Features

JTS IN64 wireless microphone system is designed with the world first RF remote setting function (REMOSET). A user can set the receiver with desired frequency and press the “REMOSET” Key; then the transmitter will automatically be set. The operation distance can reach 10 meters. This brings great convenience to sound engineers during live performance.

A new capsule has been developed for IN64THSM (Optional) . The capsule, SAM-8W, is designed for large venue with hundreds of thousands watt power. The SAM-8W delivers vivid details of vocal and instruments.

The IN64 is of stylish industry design. Yet JTS bombproof quality remains as always.

### 3. Specification

#### 3-1 UHF PLL Single Channel Diversity Receiver // IN64R

Frequency Preparation.....	PLL Synthesized Control
Remoset.....	Radio Frequency : 2.4GHz Effective distance: 10m
Carrier Frequency Range	502-960 MHz
S/N Ratio.....	>105dB
T.H.D.....	<0.6%@1KHz
Display.....	LCD
Display Contents.....	Channel, Antenna A/B, Mute Display, RF/AF Level Meter, Low battery, ID Number
Controls.....	Power On/Off, Frequency Up/Down, Audio Level, Lock-on, ID Pairing, Remoset
Audio Output Level.....	-12dB
AF Output Impedance.....	600Ω
Squelch.....	Pilot Tone & Noise Mute
Operation Voltage.....	12-18 VDC, 250 mA
Output Connector.....	1 XLR Balanced Socket / 1 Ø6.3mm unbalanced phone jack
Dimension(m/m).....	210mm(W) * 38.5mm(H) * 165.5mm(D)

#### 3-2 UHF PLL Handheld Transmitter // IN64TH IN64THSM

Frequency Preparation.....	PLL Synthesized Control
Channel number.....	64
Carrier Frequency Range.....	502-960 MHz
RF Outputs.....	10mW
Stability.....	±10KHz
Frequency Deviation.....	±48KHz
LCD Display.....	Channel, Battery Fuel Gauge, ID Number
Controls.....	Power On/Off, AF Level, Frequency Up/Down, Lock-on Mode, ID Pairing
Spurious Emissions.....	<-50 dBC
Audio Frequency Response	50~16,000 Hz
Battery.....	UM3, AA 1.5V*2

### 3-3 UHF PLL Body-Pack Transmitter // IN64TB

Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
RF Outputs.....	10mW
Stability.....	±10KHz
Frequency Deviation.....	±48KHz
LCD Display.....	Channel, Battery Fuel Gauge, ID Number
Controls.....	Power On/Off, AF Level, Frequency Up/Down, Lock-on Mode, ID Pairing
Output connector.....	4P mini XLR
Spurious Emissions.....	<-50 dBC
Audio Frequency Response	40~18,000 Hz
Battery.....	UM3, AA 1.5V*2

### 3-4 Optional Condenser Microphone

#### Lavaliere Microphone // CM-501 CM-201 CM-125

Model No.....	CM-501	CM-201	CM-125
Connector.....	4P Mini XLR	4P Mini XLR	4P Mini XLR
Frequency Response.....	100~15,000 Hz	60~15,000 Hz	50~18,000 Hz
Polar Pattern.....	Cardioid	Omni-directional	Omni-directional
Sensitivity (at 1000Hz)	-60±3 dB	-60±3 dB	-53±3 dB
Impedance.....	2.2kΩ	2.2kΩ	4.4kΩ
Max. SPL for 1% THD	130dB	130dB	130dB
Dimension(mm).....	Ø10.1mm(W) * 26.4mm(H)	Ø5mm(W) * 9mm(H)	Ø4mm(W) * 11mm(H)
Net Weight.....	21.5g	20.7g	7g (cable excluded)