PROSOUND

UHF

UM-88S

WIRELESS ULTRA HIGH FREQUENCY

WITH TONE SQUELCH CONTROL

Getting started with ultra high frequency | Supplied with two of AA Batteries | 39 hours maximum battery life
Audio outputs with balanced XLR and unbalanced 1/4" | Operating range within 80 meters

Audio outputs

Convenient with simultaneously balanced XLR and unbalanced 1/4" jack

Professional Sound

The quality sound stability with high quality microphone unit

Wireless Quality

Innovation of ultra high frequency wireless integrates receiver tone control function

Operating Time

Lowest operating cost in its class: 39 hours minimum battery life time

Getting started with Ultra High Frequency

- Operating in UHF High band quartz locked frequency between 902~960 MHz.
- The reception qualities with Tone key squelch circuitry control.
- The wireless microphone system fixed frequency channel controlled.
- Up to 39 hours batteries (Alkaline) operation life time.
- Simultaneously balanced & unbalanced audio output.
- Super high sensitivity, extremely low noise transmission and reception.
- 1.5V batterie Low current drain in Wireless Microphone
- Operating Range 80 Meters Under Adverse Conditions
- SMT assembled PCB module ensures the quality and stability.

UHF Wireless

EMS Electronics Manufacturing Services

ปลอดภัย มอก. 1195-2536

Specifications

UHF Wireless Microphone system Receiver

Receiver Model	UM-88S
RF Carrier Frequency Range	UHF 902 to 960 MHz
Frequency Selection	Fixable Channel
Operating Range	80 m under optimal conditions
Signal-to-Noise Ratio	typ. 103 dB(A)
Power Requirements	Operating voltage 12-18 Vdc Supplied with one of the following external power supplied: 230 V AC Adapter, UL and CE TIS-1195-2536, approvals.
Audio outputs	XLR bal. and unbal. 1/4" jack: adjustable from mic to line level 2 Vrms max.
Size (WxDxH)	235 x 142 x 43 mm

Modulation
FM
Audio bandwidth
40 to 20,000 Hz
Frequency stability (-10C to +50C)
± 15 KHz
T.H.D. at 1 KHz
typ. 0.8%

Compander
Yes
Tone Coder
Yes
Input sensitivity
typ. -95 dBm
Curreny consumption
95 ± 15 mA
Squelch threshold
-70 to -98 dBm

UHF Band Transmitter

Transmitter Model	UT-1H (Handheld Mic) UT-1B (Belt Pack)
RF Output Power	10 mW
Power Requirements	2 x 1.5 V AA Size batteries
Battery Life	typ. 39 hours, (Alkaline)
Net Weight	(Mic) 245 g (Beltpack) 76 g
Overall Dimensions	length : 258 mm dia.: 40 mm 64 x 22 x 96 mm

Audio input level for rated deviation
100 mV/1 kHz (Handheld Mic)
300 mV (MIC);110 mV (LINE)
Input impedance
220 kΩ (Handheld Mic)
typ. 220 kΩ//450 pF (LINE)
Condenser mic power supply
3.8 V/4.7 kΩ (pin 3)
Microphone unit
Unidirectional dynamic (UT-1H)
Unidirectional condenser (UT-1B)

★ Specifications are subject to change without prior notification.

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