

RU-8012DB

Wireless Microphone System

RU-8012DB UHF PLL Dual Channel Diversity System

Based on US-8002DB successful experience US-8012DB is designed with JTS 2nd generation wireless technology. To cope with the squeezed radio spectrum the system provides more compatible channels within limited bandwidth. The patent pending **REMOSET U** sends the scanned channel data to transmitter by pushing a button. To meet critical audio demand general noise and hiss noise have been reduced to an extremely low level. Over 100 meter operation range meets most demand from most applications.

To be environment friendly an integrated charger is available on option.

Frequency Preparation: PLL Synthesized Control
Carrier Frequency Range: 470~960 MHz
Frequency Setting: Ultrasonic / REMOSET U (Transmit)
Receiving Mode: Antenna Diversity
Bandwidth: 36MHz
S/N Ratio: >105dB(A)
T.H.D: <0.6%@1KHz
Sensitivity: -95dBm,S/N>80dB
Rejection Ratio: >80 dB
Frequency Response: 50Hz~16KHz±2dB
Antenna Type: BNC Socket
Antenna Booster Power: DC12~15V/100mA
Display: LCD
Display Contents: Group, Channel, Frequency, Battery Level, Antenna A/B, Mute Display, AF Meter, RF Meter, Frequency Scan, Audio Level, Volume
Controls: Power ON/OFF, Group, Channel, Frequency, Mute Display, Key Lock, Volume, Output Attenuation(XLR), Frequency Scan(ON/OFF)
Audio Output Level: Ref/ ±22.5KHz Dev@1KHz Tone
 ψ6.3 Phone Jack/ -10dBV
 XLR Jack/ -4dBV(Line) · -24dBV(MIC)
Audio Output Impedance: 600Ω
Squelch: Pilot Tone & Noise Mute
Output Connector:
 2 independent balanced XLR and 2 Ø6.3mm unbalanced.
Power Supply: DC12~15V/500mA
Dimension (mm): 212.3mm(W)* 38.3mm(H)* 144mm(D)
Notes: Actual product specifications may vary depending on model and region



RU-8012DB

RU-850LTH UHF PLL Handheld Transmitter

This innovative transmitter is designed with both REMOSET U and full function setting at itself. The settings include Frequency, Group/Channel, Sensitivity, RF Power, and Auto Power Off. All data will be transferred to this transmitter by pushing of the REMOSET U button at receiver's front panel. Auto Power Off feature can be set OFF or ON with selection of 1, 10 and 30 minutes. This will save battery life and avoid over discharge. Besides REMOSET U a user can carry out setting at transmitter side.

A quick Lock On key is built inside.

Recharging circuit and connector are already built in case users want to upgrade the system.

* 1440 Selectable channels.

Frequency Preparation: PLL Synthesized Control
Carrier Frequency Range: 470~960MHz
Frequency Setting: REMOSET U (Receive)
RF Output: Low / High
Stability: <±10KHz@Fc
Frequency Deviation: ±48KHz
Spurious Emissions: <-50dBc
Function: Mute, Auto Power Off, Sensitivity Adjust, Low Battery
Display: LCD+LED
Controls: Power, Mute, Group, Channel, Frequency, Gain Adjust, Auto Power Off, Key Lock
Battery: UM3, AA x2



RU-850LTH



RU-G3TH

RU-G3TH UHF PLL Handheld Transmitter

- * 1441 Selectable channels.
- * Phase-locked Loop (PLL) synthesized tuner.
- * Advanced circuitry ensures stable signal transmission.
- * Extended dynamic range and smooth frequency response.
- * Noise mute and tone-key squelch.
- * Internal antenna design.

Frequency Preparation: PLL Synthesized Control
Carrier Frequency Range: 470~960MHz
Frequency Setting: Remoset U Ultrasonic
RF Outputs: Low/High
Stability: <±10KHz@ Fc
Frequency Deviation: ±48KHz
Spurious Emissions: <-50dBc
Display: LCD+LED
Controls: Power ON/OFF, Mute ON/OFF, Group, Channel, Frequency, GAIN Adjust, Auto Power Off Adjust, Lock-on Mode
Battery: UM3, AA Alkaline x2
Slot-in Charging: Yes
Dimensions(mm): 50mm(W) x 253mm(H) x 35.5mm(D)
Notes: Actual product specifications may vary depending on region.



RU-850LTB

RU-850LTB UHF PLL Body-Pack Transmitter

This innovative bodypack transmitter is designed with both REMOSET U and full function setting at itself. The settings include Frequency, Group/Channel, Sensitivity, RF Power, and Auto Power Off. All data will be transferred to this transmitter by pushing of the REMOSET U button at receiver's front panel. Auto Power Off feature can be set OFF or ON with selection of 1, 10 and 30 minutes without audio input. This will save battery life and avoid over discharge. Besides REMOSET U a user can carry out setting at transmitter side.

To cope with music instruments a pad of -20 dB is designed.

Recharging circuit and connector are already built in case users want to upgrade the system.

* 1440 Selectable channels.

Frequency Preparation: PLL Synthesized Control
Carrier Frequency Range: 470~960MHz
Frequency Setting: REMOSET U (Receive)
RF Output: Low / High
Stability: <±10KHz@Fc
Frequency Deviation: ±48KHz
Spurious Emissions: <-50dBc
Function: Mute, Auto Power Off, Sensitivity Adjust, Low Battery
Display: LCD+LED
Input Connector: 4P Mini XLR
Controls: Power, Mute, Group, Channel, Frequency, Gain Adjust, Auto Power Off, Key Lock
Battery: UM3, AA x2



850CH-2

850CH-2 CHARGER For RU-850LTH & RU-850LTB

Input: AC 100~240V, 0.4A max
Output: DC 12V, 1A

LED Indicator
Full Charged / Standby: Green
Charging: Flash Green
Fault: Flash Red

Charging Time: 5 hours

RU-8011DB

Wireless Microphone System

RU-8011DB

UHF PLL Single Channel Diversity System

This product is a full feature version of RU-8011D. It is built with detachable BNC antenna. Besides selectable group and channel its frequency can be fine adjusted by interval of 0.025 MHz for multi system application.

Frequency Preparation: PLL Synthesized Control
Carrier Frequency Range: 470~960 MHz
Frequency Setting: REMOSET U
Receiving Mode: Antenna Diversity
Bandwidth: 36MHz
S/N Ratio: >105dB(A)
T.H.D: <0.6%@1KHz
Sensitivity: -95dBm,S/N>80dB
Rejection Ratio: >80 dB
Frequency Response: 50Hz~16KHz±2dB
Antenna Type: BNC Socket
Antenna Booster Power: DC12~15V/100mA
Display: LCD
Display Contents: Group, Channel, Frequency, Battery Level, Antenna A/B, Mute Display, AF Meter, RF Meter, Frequency Scan, Audio Level, Volume
Controls: Power ON/OFF, Group, Channel, Frequency, Mute Display, Key Lock, Volume, Output Attenuation(XLR), Frequency Scan(ON/OFF)
Audio Output Level:
 Ref/ ±22.5KHz Dev@1KHz Tone
 φ6.3 Phone Jack/ -10dBV
 XLR Jack/ -4dBV(Line) -24dBV(MIC)
Audio Output Impedance: 600Ω
Squelch: Pilot Tone & Noise Mute
Output Connector:
 1 independent balanced XLR and one Ø6.3mm unbalanced.
Power Supply: DC12~15V/300mA
Dimension (mm): 212.3mm(W)* 38.3mm(H)* 144mm(D)
Notes: Actual product specifications may vary depending on region



RU-8011DB

RU-850LTH

UHF PLL Handheld Transmitter

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Spurious Emissions: <-50dBc
Function: Mute, Auto Power Off, Sensitivity Adjust, Low Battery
Display: LCD+LED
Controls: Power, Mute, Group, Channel, Frequency, Gain Adjust, Auto Power Off, Key Lock
Battery: UM3, AA x2



RU-850LTH



RU-G3TH

RU-G3TH

UHF PLL Handheld Transmitter

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Carrier Frequency Range: 470~960MHz
Frequency Setting: RemoSet U Ultrasonic
RF Outputs: Low/High
Stability: <±10KHz@ Fc
Frequency Deviation: ±48KHz
Spurious Emissions: <-50dBc
Display: LCD+LED
Controls: Power ON/OFF, Mute ON/OFF, Group, Channel, Frequency, GAIN Adjust, Auto Power Off Adjust, Lock-on Mode
Battery: UM3, AA Alkaline x2
Slot-in Charging: Yes
Dimensions(mm): 50mm(W) * 253mm(H) * 35.5mm(D)
Notes: Actual product specifications may vary depending on region.



RU-850LTB

RU-850LTB

UHF PLL Body-Pack Transmitter

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Carrier Frequency Range: 470~960MHz
Frequency Setting: REMOSET U (Receive)
RF Output: Low / High
Stability: <±10KHz@Fc
Frequency Deviation: ±48KHz
Spurious Emissions: <-50dBc
Function: Mute, Auto Power Off, Sensitivity Adjust, Low Battery
Display: LCD+LED
Input Connector: 4P Mini XLR
Controls: Power, Mute, Group, Channel, Frequency, Gain Adjust, Auto Power Off, Key Lock
Battery: UM3, AA x2



850CH-2

850CH-2

CHARGER For RU-850LTH & RU-850LTB

Input: AC 100~240V, 0.4A max
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Charging Time: 5 hours