

# RU-901G3

## Wireless Microphone System



RU-901G3

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UHF PLL Single Channel True Diversity Receiver

RU-901G3 is the 3rd generation true diversity system. It inherits the reliability in electronic circuit design and mechanical design of the legendary US-901. To cope with the development of the technology it features **REMOSSET U** function. It synchronizes a transmitter with data of frequency, gain control, ID and so on by pushing a button. Scan function is also provided.

\* RU-901G3 is for medium and large venue.

**Frequency Preparation:** PLL Synthesized Control

**Carrier Frequency Range:** 470~960 MHz

**Frequency Setting:** Remoset U Ultrasonic

**Receiving Mode:** True Diversity

**Bandwidth:** 36MHz

**S/N Ratio:** >105dB(A)

**T.H.D:** <0.6%@1KHz

**Sensitivity:** -95dBm, S/N>80dB

**CMRR:** >80 dB

**Audio Frequency Response:** 50Hz~18KHz±2dB

**Antenna:** BNC (F)

**Antenna Booster Power:** DC12~15V/100mA

**Display:** LCD

**Display Contents:** Group, Channel, Frequency, Battery Status, Antenna A/B, AF Meter (LED BAR), RF Meter (LED BAR)

**Controls:** Power ON/OFF, Group, Channel, Frequency, Audio Level, Lock-on, Volume, Output Pad, 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:** Balanced XLR Socket x1 / Unbalanced φ6.3mm PHONE JACK x1

**Power Supply:** DC12~15V/500mA

**Dimension(mm) :** 212.3mm(W)\*38.3mm(H)\* 144mm(D)

**Notes:** Actual product specifications may vary depending on region.



RU-G3TH



RU-G3TB



G3CH-2

## 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:**  $\pm 10\text{KHz}$  @ Fc

**Frequency Deviation:**  $\pm 48\text{KHz}$

**Spurious Emissions:**  $< -50\text{dBc}$

**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-G3TB

UHF PLL Body-Pack Transmitter

- \* Phase-locked Loop (PLL) synthesized tuner.
- \* Powered by 2 x AA batteries with 12 hrs. average battery life.
- \* Equipped with 4 Pin Mini XLR connector.
- \* LCD display with channel and battery life indicator, ID number.
- \* The "lock-on" function prevents tampering and RF interruption.
- \* Extended dynamic range and smooth frequency response.
- \* Noise mute and tone-key squelch.
- \* Compatible with Guitar cable and wireless instrument microphones.

**Frequency Preparation:** PLL Synthesized Control

**Carrier Frequency Range:** 470~960MHz

**Frequency Setting:** Remoset U Ultrasonic

**RF Outputs:** Low/High

**Stability:**  $\pm 10\text{KHz}$  @ Fc

**Frequency Deviation:**  $\pm 48\text{KHz}$

**Spurious Emissions:**  $< -50\text{dBc}$

**Display:** LCD+LED

**Input Connector:** MINI XLR

**Controls:** Power ON/OFF, Mute ON/OFF, Group, Channel, Frequency, GAIN Adjust, Attenuation, Auto Power Off Adjust, Lock-on Mode

**Battery:** UM3, AA Alkaline x2

**Slot-in Charging:** Yes

**Dimensions:** 62mm(W)x80.3mm(H)x22.6mm(D)

**Notes:** Actual product specifications may vary depending on region.

## G3CH-2

CHARGER For RU-G3TH & RU-G3TB

**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



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