

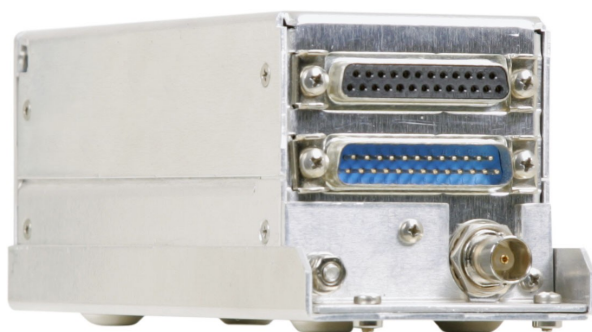


Remotely Controlled VHF/AM Transceiver

RT6201 / RCU6201

Compact Line/Communication

- 8.33 or 25 kHz
- supply voltage 9 - 33 V DC
- 6 W or 10 W transmit power
- VOX / INTERCOM
- scan (SCN) mode active/preset frequency



The Remote Transceiver RT6201 is a 2 1/4 square sized remote controlled VHF-AM airborne radio with compact dimensions and low weight for different aircraft categories in general aviation.

A mounting tray for easy installation of the RT6201 in the avionics compartment is also included.

Up to two Remote Control Units RCU6201 are connectable to the RT6201 to provide tandem operation capability for all conditions of use.

The RT6201 in connection with the RCU6201 has following functionalities:

4 place VOX controlled intercom, separated PTT keys, tandem operation capability (parallel operation of two RCU6201), standard and dynamic microphone inputs are available to be used in gliders or engine aircrafts, auxiliary AUX input, supply battery voltage indication including low voltage warning, scan (SCN) mode to monitor simultaneously the active and preset frequency for a call. A channel storage function is implemented. The last 9 used (active) frequencies are always stored automatically. In addition a manual storage of up to 99 different frequencies is possible and a user defined text label for each stored frequency can be assigned.

Different models:

RT6201-(020) VHF Remote Transceiver, 6 W, 8.33 kHz spacing

Article-No. 0636.312-910

RT6201-(010) VHF Remote Transceiver, 10 W, 8.33 kHz spacing

Article-No. 0631.442-910

RCU6201-(012) Remote Control Unit, 8.33 kHz spacing, blue white backlight LC-display

Article-No. 0631.469-910

RCU6201-(112) Remote Control Unit, 25 kHz spacing, blue white backlight LC-display

Article-No. 0631.485-910

Remotly Controlled VHF/AM Transceiver

RT6201/ RCU6201

Compact Line/Communication

Technical data:

- Supply voltage: 10.25...33 V DC
- Emergency supply voltage: 9.0...10.25 V DC
- Output power: $\geq 10W@28V$ into 50 Ω
- Current consumption: ≤ 0.1 mA @ 12 V DC (Power OFF)
 ≤ 130 mA @ 12 V DC (Receiver standby)
 < 2 A @ 12 V DC (Transmit)
- Frequency range: 118.000 MHz to 136.990 MHz
- Channel spacing: 8.33 / 25 kHz
- Number of channels: 760 (25 kHz mode)
2280 (8.33 kHz mode)
- Squelch: trigger level adjustable
- Storage temp.: $-55^{\circ}C$ to $+85^{\circ}C$
- Operating temp.:
RT6201-(XXX) $-40^{\circ}C$ to $+55^{\circ}C$, short time $+70^{\circ}C$
RCU6201-(XXX) $-20^{\circ}C$ to $+55^{\circ}C$, short time $+70$
- Maximum altitude: 35.000 ft.
- Audio output: Headphone: ≥ 300 mW @ 150 Ω
 ≥ 100 mW @ 600 Ω
- Audio Auxilary input: 1 V to 8 V (adjustable) into 600 Ω
- Speaker ≥ 4 W into 4 Ω

Certification:

- ETSO-2C37e and 2C38e / TSO-C169a

Dimensions:

RT6201-(XXX)

- H x W x D: 61 mm x 61 mm x 188 mm
- Weight: ca. 600 g

RCU6201-(XXX)

- H x W x D: 61 mm x 61 mm x 42.3 mm
- Weight: ca. 200 g

