



VHF/AM Ground Transceiver

GT6201 series
ATC & Ground Systems



Air traffic services require efficient, secure, modern and user friendly communication equipment. Becker's radio systems offer well proportioned solutions for small to medium-sized airports, airfields or airline operations stations.

Assembled with quality-proven components, engineered with state-of-the-art technology and driven with a customer focused philosophy, our radio-communications solutions are meant to be flexible and scalable.

In continuation of the very successful portable/mobile VHF transceiver BECKER AR4201, the new VHF Transceiver GT6201 for ground applications offers latest standards and is ideally suited for vehicle installations and constitutes the basis element for a variety of other product declinations like the GK61X or the TG660 series.

Designed for operations at airfields and airports in a very demanding environment, the GT6201 offers latest technology and comfortable operation on all frequency channels in the aeronautical frequency range, adjustable in 25 kHz steps as well as in 8,33 kHz steps. The user friendly operator menu and the extensive setup possibilities allow a very personal setup for the user. The large, clear and dazzle-free LC display shows the active frequency and either the standby frequency or memory channel.

With an output power of 6W or 10W, the transmitter is strong enough for medium range communications, ensuring a low cost of ownership for the customer.

Derived from its airborne counterpart AR6201, the GT6201 is the robust, reliable and flexible solution for your ground operations.

Different models:

GT6201-05 VHF Ground Transceiver, 6 Watt
Article-No.0637.351-923

GT6201-10 VHF Ground Transceiver, 10 Watt
Article-No. 0637.361-923

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Technical data:

General:

- External: 10.0 – 32.0 V DC
- Frequency range: 118.00 -136.9917 MHz
- Output power: 6 W or 10 W
- Frequency channels: 118.000 MHz to 136.9916 MHz
- Channel spacing: 8,33 kHz / 25 kHz
- Number of channels: 760 (25 kHz mode)
2280 (8,33 kHz mode)
- Sensitivity: ≤ -101 dBm for a SINAD of 12 dB
- Squelch: trigger level adjustable
- Frequency stability : $\leq \pm 1$ ppm
- Storage temp.: -55°C to $+85^{\circ}\text{C}$
- Operating temp.: -20°C to $+55^{\circ}\text{C}$
- Type of modulation: A3E (amplitude modulation)
- Modulation input: Dyn. Microphone
- Modulation capability: $\geq 85\%$
- Speaker: ≥ 4 W into 4 Ω
- Distortion: $\leq 10\%$

Standards:

- ETSI EN 300 676

Dimensions:

- H x W x D: 61.2 mm x 61.2 mm x 205.7 mm
- Weight: ca. 650 g

Vehicle Kit VK4201

