

## GT6201

### VHF Ground-to-Air Transceiver

#### FEATURES

- 6 W or 10 W RF-power variants
- Power supply: 10-30 VDC or 12/24 VDC battery
- Dual scan function (monitoring two frequencies during TX/RX)
- Channel spacing: 25 and 8.33 kHz
- Frequency range: 118-136.990 MHz
- Selectable and adjustable squelch levels
- Parameter setting via user menu
- 99 free editable memory channels
- Non-volatile memory
- Emergency mode
- 4 fully configurable audio outputs
- Compliant with ETSI standards and type approved for ATM applications



Watt  
6  
10

ETSI

Mount.  
57mm



AIR TRAFFIC MANAGEMENT

## OVERVIEW

Air traffic services require efficient, secure, modern and user friendly communication equipment. Becker offers ideal solutions for small to medium-sized airports, airfields or airline offices.

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

In continuation of the very successful portable/mobile VHF transceiver Becker AR4201, the GT6201 VHF Transceiver offers latest standards and is ideally suited for vehicle or control tower installations.

Designed for operations at airfields and airports in a very demanding environment, the GT6201 offers latest technology and support all frequency channels in the aeronautical frequency range, adjustable in 25 kHz steps as well as in 8,33 kHz steps.

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

## BENEFITS

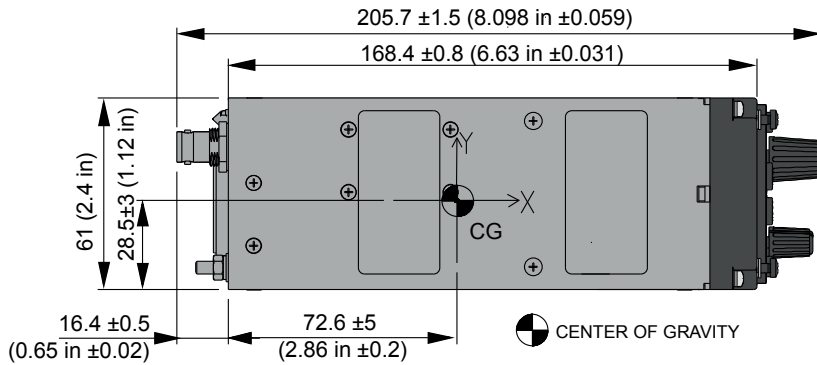
- Reduced installation footprint
- Low weight
- Robust and field-proven design
- No forced cooling
- No ventilation slots
- Maintenance-free
- User-friendly HMI
- Large, clear and dazzle-free LCD display
- Extensive setup possibilities
- Vehicle mounting kit available

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## TECHNICAL DATA

### General characteristics

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	$\leq -101$ dBm for a SINAD of 12 dB
Squelch	trigger level adjustable
Frequency stability	$\leq \pm 1$ ppm
Storage temp.	$-55^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
Operating temp.	$-20^{\circ}\text{C}$ to $+55^{\circ}\text{C}$
Type of modulation	A3E (amplitude modulation)
Modulation input	Dyn. Microphone
Modulation capability	$\geq 85\%$
Speaker	$\geq 4$ W into $4 \Omega$
Distortion	$\leq 10\%$
Standards characteristics	
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