

# GTR<sup>®</sup> 225 series VHF Comm Radio

Garmin innovation brings new efficiency and performance to airborne communications.



## Maintain contact, not complexity: Fly with Garmin's GTR 225 comm.

Want to dial up a higher degree of confidence in your flight communications? Start with the powerful technology found in Garmin's GTR 225 family of VHF comm transceivers. Packed with advanced features and first-in-class database technology, these compact, 2280-channel-capable Garmin radios help streamline your cockpit workload with such useful tools as automatic storage of your 20 most recently called frequencies. The unit's familiar "flip-flop" frequency selection scheme allows comm channels to be entered in a standby window, and then activated with a press of button. Plus, you can also select and store up to 15 of your most-used frequencies (such as those for your home airport or other oft-visited destinations) for easy recall and entry without dialing up the numerals. A handy comm monitor function essentially provides the utility of two receivers in one – allowing you to listen, for example, to

ATIS transmissions or monitor other frequencies without leaving the active ATC frequency (the active comm channel always takes priority on incoming calls). What's more, the unit's extensive "reverse lookup" database makes it easy to find all the frequencies associated with a given airport or facility (Tower, Ground, ATIS, Clearance Delivery, etc.) just by entering the location name or station ID. The TSO-certified GTR 225 series radios are available in versions offering 10- or 16 watts of power output, with each configuration featuring a built-in two-place intercom. The basic 10-watt GTR 225 version comes with standard 25 kHz spacing, while the 10-watt GTR 225A and 16-watt 225B can both be set for 25 or 8.33 kHz channel spacing – to provide a choice of smart, affordable solutions for complying with the 8.33 comm mandate in Europe.

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## COMM RADIO FEATURES

- 760 communication channels (w/ 25 kHz spacing); 2280 channels (w/ 8.33 kHz spacing)
- Frequency range 118.000 to 136.992 MHz (w/ 8.33 kHz spacing)
- Active and standby flip-flop frequencies
- One-touch 121.5 emergency channel tuning
- Comm frequency monitor function (listens to standby while monitoring the active)
- Recall of frequency from database by facility name and type
- Database reverse lookup of frequencies providing station ID and frequency use (TWR, ATIS, etc.)<sup>1</sup>
- Volume control bar graph display
- Alphanumeric display of frequency types (ATIS, GRND, TWR, etc.)
- High-visibility alphanumeric LCD display
- Transmit status indicator
- Backlit keypad controls
- Automatic and manual, pilot-selectable display intensity control
- Built-in, two-place voice activated intercom
- Frequency memory and recall
- Stores/recalls 15 user defined frequencies
- Stores/recalls previous 20 frequencies used
- Squelch test function
- Stuck mic time-out
- 12 watt audio amplifier

<sup>1</sup>Requires compatible GPS input from panel-mount or portable GPS.

## COMM FREQUENCY DATABASE

Worldwide coverage and frequency lookup. Uses GPS input (from compatible systems, sold separately) to determine locations for each of the 25 nearest airports, Flight Service Stations, ATC facilities, WX stations, etc.

## COMM RADIO PERFORMANCE

- Transmit power: 10 or 16 watts output (by model)
- Input voltage range 9 to 33 VDC
- Operating temperature range -20 to +55 C
- Certified TSO C169a (transmitting and receiving)
- Certified TSO C128a (stuck mic)

## PHYSICAL

- Size:** 1.65" H x 6.25" W x 10.4" D (4.19 x 15.88 x 26.42 cm)
- Weight:** 2.30 lbs (1.04 kg) unit only; 3.06 lbs (1.38 kg) with mounting rack
- Depth:** 11.23 inches (28.52 cm) behind panel, including mounting rack and connectors

MODELS	25 KHZ SPACING	8.33 KHZ SPACING	TSO'D	XMIT POWER
GTR 225	Yes	No	Yes	10W
GTR 225A	Yes*	Yes*	Yes	10W
GTR 225B	Yes*	Yes*	Yes	16W

\*Pilot-selectable