

# TRIG TY91 AND TY92 – VHF RADIOS



## 5 reasons to buy

- Compact and light weight
- Fits in the tightest panel space
- Dual watch and two place intercom
- Nine programmable memories
- Can be battery operated

The TY91 and TY92 radios provide sport and general aviation pilots with a compact, fully certified VHF radio.

These radios perfectly compliment our TT21 and TT22, the world's smallest and lightest general aviation Mode S and 1090 MHz ES ADS-B Out transponders.

### Small and Flexible

The Trig TY91 and TY92 take up minimal space and weight. The use of a control head and separate radio hardware unit provides more installation options, especially when space is at a premium.

The control head can be conveniently mounted in a standard 2<sup>1/4</sup>" round hole or even smaller compact mount. Installation is straight forward, and once fitted the depth of the radio control head is less than 1<sup>1/2</sup>" deep. In practice this means that the Trig TY91 and TY92 control head can be installed in an aircraft panel where a larger 'single box' radio would not fit. Operation of the radio is simple and frequency selection rapid. The TY91 and TY92 can be set at 25 kHz and 8.33 kHz steps making them suitable for use in Europe.

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## Which model is right for me?

Light sport, ultra light, glider and balloon pilots will fit the Trig TY91 radio, this lower powered 6 watt model is ideal for the majority of GA users.

The Trig TY92 has a higher nominal power output of 16 watts, suitable for longer range transmission and for aircraft that have a 28 volt power supply. Easily installed outwith the main avionics stack the TY92 makes a perfect back up radio in larger GA aircraft.

## Features

The Trig TY91 and TY92 offer pilots the following features:

- Low size and weight, with flexibility of installation options.

- Simple operation via positive controls can be easily operated whilst wearing gloves.
- Dual watch function, allowing the monitoring of a standby frequency.
- Includes a two place intercom.
- Includes a built in speaker amplifier, allowing pilots the option of headset free operation.
- 9 programmable memories.
- Crisp display, visible in all lighting conditions.
- Fully certified.

## Support

We provide a two year worldwide warranty through our Approved Trig Dealer network.

## How to buy

We always recommend that you buy your Trig products through an Approved Trig Dealer. To find a dealer go to [www.trig-avionics.com](http://www.trig-avionics.com)



	TY91	TY92
Type	8.33 kHz/25 kHz VHF transceiver. Receiver – Class C, Class E. Transmitter – Class 4, Class 6	8.33 kHz/25 kHz VHF transceiver. Receiver – Class C, Class E. Transmitter – Class 3, Class 5
Certification	ETSO-2C169a, ETSO-2C128, TSO-C169a, TSO-C128a.	
Compliance	ED-23C, ED-67, DO-186B, DO-178B Level B, DO-160F, DO-254 Level C	
Supply Voltage (DC)	11-33 V	22-33 V
Typical Current Consumption	(at 14V) receive: 200 mA transmit: 2A	(at 28V) receive: 130 mA transmit: 2.5A
Nominal Transmitter Power	6 W	16 W
Operating Temperature	for the radio unit -40 °C to +70 °C for the controller -20 °C to +70 °C	
Cooling Requirement	No fan required	
Weight	1.01 lbs	
Dimensions (mm)	controller: H 1.73 x W 2.48 x D 1.37 inches (Depth 3 inches with D-Type connector fitted). radio unit: H 1.88 x W 2.59 x L 6.29 inches (inc. socket).	

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