

INTRODUCING THE 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 light sport and general aviation pilots with a compact, fully certified 25kHz / 8.33 kHz VHF radio.

Both radios perfectly compliment our TT21 and TT22 transponders, the world's smallest and lightest Mode S general aviation 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 57mm round hole or even smaller compact mount. Fitting is straightforward, and once installed the depth of the radio control head is only 74mm. In practice this means that the Trig TY91 and TY92 control head can be located in an aircraft instrument panel where a 'single box' radio will simply not fit.

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8.33 kHz & 25 kHz Compatible

Future changes in European airspace will require all aircraft to be fitted with a certified 8.33 kHz radio. The Trig TY91 and TY92 both use 8.33 kHz and 25 kHz steps. Operation of the radio is simple and frequency selection rapid. A single convenient function button allows rapid channel spacing preferences to be selected when required.

The Trig TY91 and TY92 are fully compliant with the 8.33 kHz mandate, so you can be reassured that Trig radios are ready for the future.

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 the standby frequency.
- Includes a two place intercom.
- Includes a built in speaker amplifier, allowing 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



	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	200 mA receive 2A transmit at 14 V	130 mA receive 2.5A transmit at 28 V
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	460 grams	
Dimensions (mm)	controller: H 44 x W 63 x D 35 mm [74 mm depth in panel with D-Type connector fitted]. radio unit: H 48 x W 66 x L 160 mm (inc. socket).	

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