

**Trig TY91 and TY92 compact VHF radio – certified performance in a small form factor**

Trig's compact TY91 is the ideal space saving radio that can be installed in the tightest panel space. The TY91 is certified and highly capable. Easy to use and faster to tune, it takes up minimal depth and weight. The radio's unique 'Push Step' feature provides the fastest in class frequency selection. Dual Watch allows you to monitor two channels at the same time - it's like having two radios in one.

Using compatible cockpit EFIS systems enables you to remote control the TY91 radio, it can be installed to populate the on-route frequency from a connected GPS. A memory function allows you to store nine pre-set favorite frequencies. The radios built-in intercom, with various adjustments provides great control, including mic gain on each headset. A crisp and bright display is visible in all lighting conditions and the superior user interface provides great control, even when wearing gloves. The TY91 is a 6 watt radio, and the TY92 is a 16 watt version, for high performance aircraft.

A separate hardware back box can be installed away from the panel. As a result the cable run to the antenna is typically short and output power is therefore maintained.

**Features**

- Compact size, low weight – takes minimal panel space
- Two place intercom – built-in
- Unique 'Push Step' feature provides the 'fastest in class' frequency selection
- Dual watch – monitor two frequencies at the same time
- Manual dimming feature (adjustable backlight)
- Dual Control – two controller option for tandem cockpits
- Simple Installation
- GPS / EFIS compatibility (includes SL40 protocol and Garmin GTR255)
- Two year warranty from date of install, U.S. based technical support

Specification	TY91 Radio	TY92 Radio
Type	Receiver – Class C, Class E. Transmitter – Class 4, Class 6	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)	(at 14V) receive: 200 mA transmit: 2A	(at 28V) receive: 130 mA transmit: 2.5A
Nominal Transmitter Power	6 Watt	16 Watt

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 (inches)	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)