

THE TMA44 AND TMA45 AUDIO PANELS



5 reasons to buy

- Great value – companion product for Trig radios
- Superior design interface / easy to operate
- Bluetooth option – support for music and phone (TMA45)
- Includes Marker Beacon Indicator
- Industry leading TDNR – digital noise reduction (TMA45)

TMA44 and TMA45 are the ideal audio panels to enhance your stack. The control of your navigation, communication and entertainment will be simplified as each model benefits from Trig's 'Better by Design' philosophy. The result - a logical and high quality interface that's easier to use, with features pilots and passengers will really appreciate.

TMA45 Superior

The TMA45 is our fully featured panel, perfect for aircraft owners who don't wish to compromise. If you are looking for great quality audio, stereo music and mobile phone support via Bluetooth this panel provides it all. Hosting 2-6 seats the TMA45 has all the functionality of the TMA44 but adds industry leading Trig Digital Noise Reduction (TDNR). By automatically selecting the optimum level of squelch and mic threshold TDNR reduces cockpit noise. This improves your audio environment; it aids pilot concentration and combats fatigue.

Our Superior panel also features Trig Active Mute (TAM) this further removes unwanted background noise from radio static, producing class leading audio quality.

By creating a more comfortable audio environment you are best placed to enjoy the TMA45's stereo music entertainment and mobile phone connectivity. Integrated Bluetooth allows two portable electronic devices to be connected providing stereo music and communication options.

The TMA45 gives total flexibility to adjust audio inputs to best suit your needs – it's the preferred solution for discerning pilots who want to stay connected.

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TMA44 Standard

The TMA44 suits aircraft owners looking for a great value panel that covers aviation requirements. This mono panel supports 2-4 seats with independent control of crew and passenger audio. Two additional unswitched inputs are included for audio alerts, such as stall or undercarriage warnings. The option of playing music via two custom inputs is enhanced by the TMA44's 'smooth fade' feature. This automatically adjusts music levels to ensure vital radio information is always clearly received.

The TMA44 equips you for navigation and IFR flight, with switched inputs for; Nav 1, Nav 2, ADF, Aux and DME. An illuminated marker beacon for ILS approaches adds visual cues to marker audio tones. All switchgear has a positive feel, with adjustable panel illumination for a great user experience day or night.

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

Easy Installation

The TMA44 deploys an industry standard 44 pin connector allowing a simple retro-fit with older audio panels. The TMA45 has two connectors and is a plug and play retrofit for the GMA340. Both units are designed to fit into a standard avionics rack.

The TMA44 and TMA45 – audio panels

- Trig 'Better by Design' – simple to use, high quality interface.
- Comprehensive audio features for VFR and IFR flight included.
- Compatible with many third party Radio and Nav/Com products



Feature / Performance	TMA44 – Standard	TMA45 – Superior
Audio Panel	2-4 seats - mono	2-6 seats - stereo
TSO Compliance - TSO-C50c, TSO-C35d	✓	✓
Independent control for pilot, crew, passengers	✓	✓
Switched inputs for Nav 1, Nav 2, ADF, Aux, DME	✓	-
Switched inputs for Nav 1, Nav 2, ADF, DME and TEL	-	✓
Unswitched – for audio warnings	2	4
Marker Beacon Indicator with visual idents for IFR / ILS	✓	✓
Adjustable illumination - photocell and/or via lighting bus	✓	✓
Music 'Smooth Fade' feature	✓	✓
Trig Digital Noise Reduction (TDNR) enhances VOX audio	X	✓
Trig Active Mute (TAM) removes cockpit noise/ reduces radio static	X	✓
Bluetooth support for stereo music and mobile connectivity	X	✓
Front panel jack socket (for portable electronic device)	X	✓
Mic frequency response – 3 dB	350 Hz - 6000Hz	300 Hz - 6000Hz
Music frequency response – 3 dB	200 Hz – 15 kHz	20 Hz – 20 kHz
Headphone impedance	150 – 1000 Ω	
Headphone output – each headset (no clipping)	45 mW	38 mW
Speaker output – 14 Volt DC / 28 Volt DC	3 Watts / 10 Watts	
Supply voltage	11 – 33 Volts DC	
Temperature range – operating	-20 ° C to + 55 ° C	
– storage	-40 ° C to + 85° C	
Weight	0.6 kg	
Physical dimensions	W 159mm x H 33mm x D 197mm	
Two year warranty and lifetime support	✓	✓

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