Traffic-Watch+

"Traffic, 2 o'clock, 2nm, 500ft above"

Compact Multifunction Traffic Alert Sensor

Traffic-Watch+ provides continuous traffic awareness. The ATD-300 detects all transponder type replies from nearby traffic and display their range, direction (with opt. ANT-300 antenna) and altitude on a bright digital LED display or on an external display such as the **G530/G430.** Simultaneously, a clear female voice prompts you with **VOICE ALERTS** in relation to traffic proximity. Traffic detection is direct plane to plane with no need for an ADS-B/UAT ground station. **Traffic-Watch+** also checks your transponder operation and bus voltage. All of these in a compact unit the size of cigarette pack.

With the **Plug & Fly** kit (included) you just plug the ATD-300 into the cigarette lighter (for power) and the aircraft headphone jack (for voice) and you are ready to fly. No panel space or installation is required. Or if you prefer the ATD-300 can be easily panel mounted in your aircraft. Kit included.
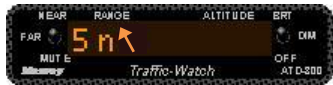
The Traffic-Watch+ Concept

Auto Mode Display

Range, direction & altitude

Traffic MSL altitude

No mode C traffic

Host txpr mode C altitude

Host txpr squawk code

Bus voltage

Voltage warning

Specifications

Frequency:	1090MHz
Transponder Types:	Mode A/C/S ADS-B
Decoding Altitude Range:	-1200 to 30,700 feet
Max. Range:	5.9nm
Antenna Type:	TXPR type or ANT-300
Antenna Connector:	Single BNC
Audio Output Impedance:	8 to 300 Ohms
Traffic Data Output:	ARINC 429/735A Opt.
Operating Voltage:	14/28VDC 0.2/0.1 amp
Operating Temperature:	-20 deg C to +55 deg C
Unit Weight :	10 Ounces
Unit Dimensions:	2.75" W x 0.75"H x 5.0"L
ANT-300 Dimensions:	1.0"W x 3.0"H x 5.0"L
Approval:	FAA-PMA STC DO-160D
ATD-300 Price:	$795.00
ANT-300 Price:	$395.00
429 Option Price:	$225.00

The ATD-300 *Traffic-Watch+* is a passive TAS receiver capable of detecting transponder replies directly from nearby aircraft. No need to be in the proximity of ADS-B ground stations. It works anywhere in the world from the ground up. The LED display viewable in direct sunlight shows the closest threat to you, perfect for those with no traffic display. The ATD-300 feature a pilot selectable warning envelope (NEAR/FAR) tailored for approach and en-route. The ATD-300 receiver/indicator is housed in a rugged aluminum enclosure.

When there is no traffic activity the ATD-300 will automatically indicate the host transponder MSL pressure altitude or squawk code. Audio output is provided for your audio panel or headsets. The ATD-300 also features a built-in aural/visual voltage warning that lets you know if the aircraft bus voltage is out of range. A built-in ARINC 429 interface option for remote displays such as the G530W navigator is also available.

The **ANT-300** small blade foot print directional antenna provides direction capability to the ATD-300. It is specifically designed for small aircraft where antenna space is at premium. It only requires a single coax cable thus simplifying installation (no calibration required). It is belly mounted, perfect for canopy planes.

Thanks to its compact size the ATD-300 can be located anywhere in the panel. Connect to the audio panel and the navigator display   for total traffic awareness. Mounting brackets and connectors are provided with the unit.

Retail Price

ATD-300 Traffic-Watch………………………………………………………$795.00
In the box:
- ATD-300 Unit
- Cigarette lighter Power Cord
- Portable Antenna
- Headphone Cable
- Panel mounting brackets
- Power Connector
- Audio/Data connector
- BNC Antenna Connector
- Panel cut-out template
- Installation/Operation Manual

ANT-300 Directional Antenna……………………………………..………$395.00
In the box:
- ANT-300 Antenna
- 2 Hex nuts and 2 flat washers
- BNC antenna connector
- Foot print template
- Installation Manual

ARINC 429 Interface Option..…………………………………….………$225.00
In the ATD-300:
- ARINC 429 IC
- Software upgrade
- Installation/Operation Manual

Combo Package..……………………………………………$990.00
Includes:
- ATD-300
- ANT-300

Super Combo Package……...……………………………….……..……$1185.00
Includes:
- ATD-300
- ANT-300
- ARINC 429 Interface Optio

Ordering

You can order by phone, fax or email. Orders received before 2pm EST are ship same day. VISA, MC, AMX and wire accepted. In the USA we normally ship FEDEX ground service. 30 day money back guarantee on all products.

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