AOR ARD25 Digital to Analog Conversion Unit

Decode APCO 25 Digital Signals *with an Analog Receiver!*

AOR has created an APCO 25 digital decoder for use with receivers that have a 10.7 MHz IF output!

It's true! Now you can receive standard (unencrypted) APCO Project 25 digital signals using an ordinary analog receiver that has a 10.7 MHz IF output. The ARD25 processes the 10.7 MHz signal, converts the digital transmission and sends it to the internal speaker, or your station speaker. Simply connect the ARD25 and begin listening to APCO 25 digital signals your analog receiver could not previously process.

Many high quality receivers were "left behind" when some public agencies began to use APCO Project 25 digital modulation. If your receiver has a 10.7 MHz output port, the ARD25 can translate those digital signals to intelligible audio. In addition, you can also channel your receiver's analog output through the ARD25. It will automatically recognize analog signals and pass them to the ARD25 internal speaker or to an external station speaker.

- **Easy to connect — easy to operate**
- **Add "new life" to your existing receiver**
- **Compact size**
- **No receiver modifications needed**
- **Lets analog signals pass through**
- **Data output through RS 232C serial port**

Receivers that can use the ARD25 include the AOR AR-ONE, the AR8600 series and AR5000 series, as well as other receivers and monitors that have a 10.7 MHz IF output port.

The ARD25 is yet another breakthrough product from AOR, the Authority on Radio™

Some words of caution — The ARD25 is not effective on systems that use encryption or digital modulation other than APCO Project 25. It cannot translate signals from receivers that do not have a 10.7 MHz IF output, as the full channel bandwidth is needed to convert the signal from digital to analog. The ARD25 does not add trunking capabilities to your receiver. Some jurisdictions may limit the use of devices such as the ARD25.

AOR™ *The Serious Choice in Advanced Technology Receivers™*

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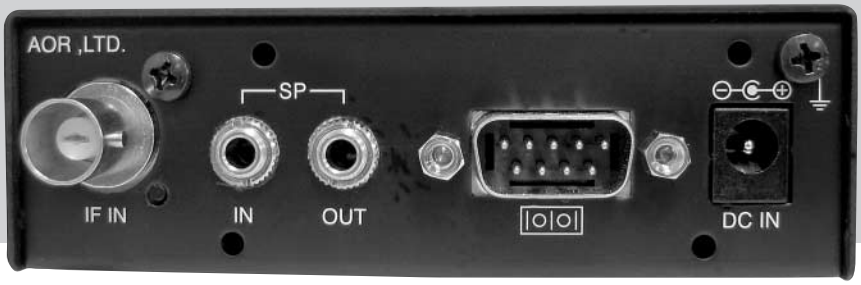

SPECIFICATIONS

Input signal:	10.7MHz IF
Impedance:	50 ohms
Input level:	More than -105dBm
Receive modes:	APCO Project 25 digital voice signal (Non encrypted signal only)
	Analog Narrow FM signal
Off frequency adjustment:	Automatic (AFC)
Signal modulation:	± 20% from the specifications (Automatic adjustment)
Squelch:	Level squelch (Analog mode), adjustable squelch level
Power requirement:	11 - 16 V DC, 140 mA (at 12 V DC) typical
Serial port:	RS-232C 9600bps Asynchronous, 8 bit, Non parity, 1 stop bit
Speaker input connector:	3.5 mm mono
External Speaker output:	3.5 mm mono (signal output is mono)
Headphone jack:	3.5 mm stereo type (signal output is mono)
Weight:	Approximately 580 g (1.3lb)
Dimensions:	156 (d) x 100 (w) x 32 (h) (mm)
	6.15 (d) x 4 (w) x 1.3 (h) (inches)
	Projections not included
Standard accessories:	120 V AC adapter, BNC patch cable,
	speaker cable, instruction manual

Use of the ARD25 may be restricted in some jurisdictions. Signal conditions vary greatly, as such; no warranty can be made on how the ARD25 will perform in every circumstance.

The ARD25 adds new dimension to your quality analog receiver. You can now monitor standard (unencrypted) APCO Project 25 signals with simple connections and no modifications to your receiver!

AOR™

AOR, LTD.
2-6-4 Misuji, Taito-ku, Tokyo 111-0055, Japan
Tel: +81 3 3865 1695 Fax: +81 3 3865 1697
post@aorja.com http://www.aorja.com

AOR U.S.A., Inc.
20655 S. Western Ave., Suite 112, Torrance, CA 90501, USA
Tel: 310-787-8615 Fax: 310-787-8619
info@aorusa.com http://www.aorusa.com

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