



ARD300 MULTI-DIGITAL VOICE DECODER

YOUR RECEIVER HAS NEVER BEEN SO POWERFUL!

DMR*
dPMR
D-Star
P25
NXDN
Yaesu
Alinco
Digital CR

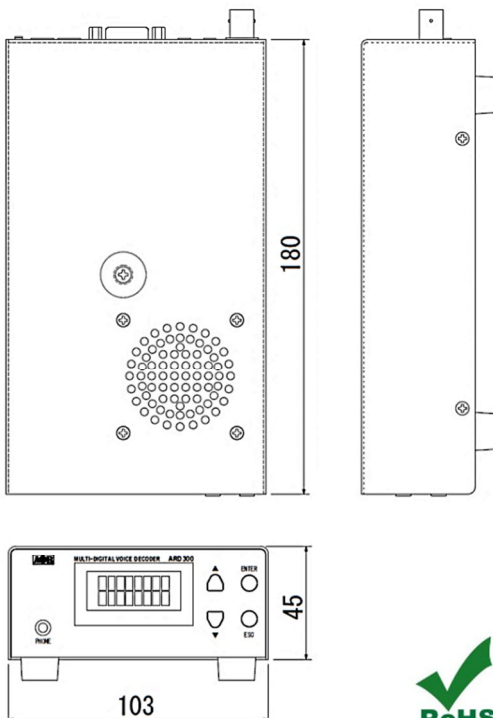


(Receiver not included)

Powerful features!

- Versatile and powerful digital voice decoder/demodulator for your trusted analog receiver!
- Decodes DMR, dPMR, NXDN and popular amateur digital voice mode from Icom, Alinco and Yaesu.
- Decodes APCO P25 voice signals, used for example by U.S military and diplomatic services around the world.
- Compatible with AOR legacy receivers AR8600MK2, AR5000(A/+3), AR-ONE and newer AR2300, AR5001D, AR6000.
- **Supports any other brand's receiver featuring a 10.7MHz or 45.05MHz IF output!(*1)**

Dimensions (mm)



Specifications

Item number	ARD300		
Item name	Multi-digital voice decoder		
Supported standards, modulations and vocoders	D-STAR	GMSK	AMBE
	ALINCO	GMSK	AMBE
	YAESU(*2)	C4FM	AMBE+2
	DIGITAL CR(*3)	C4FM	AMBE+2
	NXDN(*4)	C4FM	AMBE+2
	dPMR(*5)	C4FM	AMBE+2
	P25 (Phase 1)	C4FM	IMBE
DMR(*6)	4FSK	AMBE+2	
IF input	10.7MHz or 45.05MHz @50Ω		
Power requ.	DC 10.7~16V 450mA		
Audio output	Built-in speaker 200mW @ 8Ω		
Supplied accessories	DC open-end cable, DC cable, IF cable, audio cable, printed instructions		

(*1) Not all 3rd party receivers have been tested. Some receivers might be incompatible for unknown reasons. AOR support strictly limited to use with AOR receivers.

(*2) V/D mode only.

(*3) Japanese "Digital Convenience Radio" standard (351MHz)

(*4) Only the 6.25kHz mode is supported. 12.5kHz mode not supported.

(*5) Only dPMR446 and Tier 1 modes supported.

(*6) Implemented since firmware 409C. Tier 1 & 2 modes, non-encrypted.

※ Design and specifications subject to change without prior notice for product improvement or modification.

※ Other company and product names mentioned in this document are the property of their respective owners.



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* From firmware v.409C