



# ARD300 MULTI-DIGITAL VOICE DECODER

YOUR RECEIVER HAS NEVER BEEN SO POWERFUL!

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

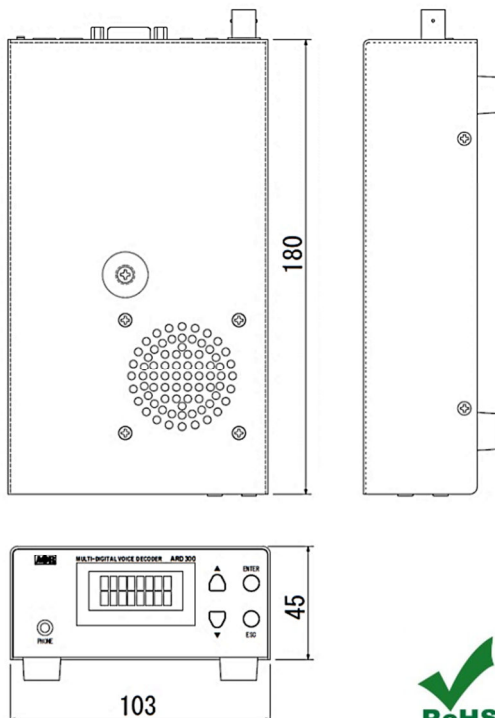


(Receiver not included)

### 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		
<b>Item name</b>	Multi-digital voice decoder		
<b>Supported standards, modulations and vocoders</b>	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	
<b>IF input</b>	10.7MHz or 45.05MHz @50Ω		
<b>Power requ.</b>	DC 10.7~16V 450mA		
<b>Audio output</b>	Built-in speaker 200mW @ 8Ω		
<b>Supplied accessories</b>	DC open-end cable, DC cable, IF cable, audio cable, printed instructions		

(\*1) Not all 3<sup>rd</sup> 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.

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

\* From firmware v.409C