



AR-DV1 DIGITAL VOICE RECEIVER

(Pre-release information)

THE NEXT GENERATION
M U L T I
D I G I T A L M O D E
D E M O D U L A T I O N
R E C E I V E R !



MAIN FEATURES

- 100kHz~1300MHz Wide-band reception
- Multi-mode digital demodulation
- All mode analog reception
- Memory scan
- NR, notch, digi-data display
- Built-in SD card reader (audio recording, timer recording, CSV memory data upload/download, firmware updates)
- Clock, calendar (sleep timer, alarm, timer recording, reception logging on SD)
- Compact body
178(W)x50(H)x215(D) mm

RECEIVER SYSTEM

100kHz~18MHz : Direct conversion
18MHz~1300MHz: Triple super-heterodyne

Excellent image rejection and ultra-low internal spurious thanks to 1st I.F frequency set to 1.705GHz.



FULL-DOT LCD



(2VFO example)

SD/SDHC READER & MICRO-USB SOCKET



SPECIFICATIONS

Frequency range	100kHz~1300MHz		
Digital reception	Standard	Modulation	Vocoder
	DMR	C4FM	AMBE+2
	dPMR	C4FM	AMBE+2
	D-STAR	GMSK	AMBE
	P25 (Phase 1)	C4FM	IMBE
	NXDN	C4FM	AMBE+2
	YAESU	C4FM	AMBE+2
	ALINCO	GMSK	AMBE
	DCR	C4FM	AMBE+2
	AOR (G4GUO)*1	DQPSK*2	AMBE
Analog reception	FM (WFM, NFM, SFM), FM stereo (PHONES output only)		
	AM (WAM, AM, NAM)		
	AM synchronous detection (SAH, SAL)		
Squelch system	USB, LSB, CW		
Squelch system	CTCSS, DCS		
Demodulation aid	Auto notch filter, de-noiser, voice inverter, AGC, step-adjust, offset reception, priority channel, etc.		
Memory banks	40		
Memory channels	2,000 (50 channels x 40 banks)		
Attenuator	Auto		
Aux. functions	Clock, calendar, sleep timer, alarm, SD card recording, SD card timer recording, etc.		

*1 G4GUO narrow-band digital reception (SSB) as used in ARD9000MK2/9800/9900 modems.
*2 36 carrier OFDM modulation

THIS IS PRE-RELEASE INFORMATION. DESIGN & SPECIFICATIONS SUBJECT TO CHANGE.



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