

ARD-2 OPERATING MANUAL ADDENDUM

1. Internet addresses

By nature, the internet is a dynamic environment and web addresses change from time to time.

The internet address of the **ACARS LINK** has recently moved to: <http://www.acarsonline.co.uk>

At this time, the **NAVTEX** address is still: <http://www.navcen.uscg.gov/marcomms/gmdss/navtex.htm>

2. Free PC Windows software

A free windows PC software package is available for download from the AOR web sites, check out
<http://www.aorja.com> <http://www.aorusa.com> <http://www.aoruk.com/software>

Additional tracking software such as AirNav is available from certain dealers, check out the following internet sites:

AirNav home page <http://www.airnavsystems.com>

3. Audio connecting lead

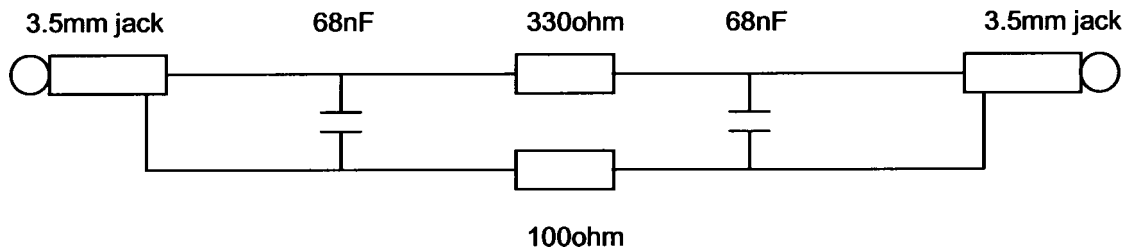
The ARD-2 is supplied with an audio connection lead terminated in a 3.5mm mono jack plug for the ARD-2 and a 6.3mm mono (quarter inch) jack plug suitable for the AOR AR5000 receiver and many short wave receivers. Should you require a different connection for your radio receiver speaker / earphone connection, either replace the 6.3mm jack plug or request an additional audio lead from your equipment supplier... most receivers such as the AOR AR3000A, AR8200, AR8000 etc require a 3.5mm mono jack plug... *see below regarding noise / interference.*

4. Noise / interference

All electrical equipment has the potential to generate noise, although carefully designed to minimise such noise (and adhering to the new CE electrical requirements), noise can be passed from the ARD-2 to the receive station.

If noise is encountered, attempt to physically separate the receiver and ARD-2 when possible, the use of remote aerials can also be of assistance. For base station use, an external aerial and good RF earth should result in very little noise, similarly at airports, higher signal strength should provide good results. Some receiver models appear more prone to interference than others, your equipment supplier may have experience in this respect.

Adding de-coupling to the audio connecting lead can be beneficial.



Note: With care, a capacitor and resistor can be fitted into each jack plug and coaxial screened cable used to make up the interconnecting lead. The values chosen are not critical, 0.1uF capacitors would be equally suitable. Similarly, 10nF may give better results in some cases. The above values were chosen purely because they were to hand and were of a suitable physical size to fit inside of the jack plug. Your dealer may be able to assist for a nominal charge.

Remember, set the squelch OPEN all the time, you can't really SCAN when monitoring ACARS or the first part of transmissions will be chopped off.

5. Power supply

In most market areas an optional a.c./d.c. power supply is available, this is highly recommended for extended operation (as it saves the cost of batteries!).



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 www.aorja.com

AOR (UK) Ltd

4E East Mill, Bridgefoot, Belper, Derbys DE56 2UA, England

Tel: +44 1773 880788 Fax: +44 1773 880780

info@aoruk.com www.aoruk.com

AOR USA, INC.

20655 S. Western Avenue, Suite # 112

Torrance, CA. 90501, USA

Tel: (310) 787 8615 Fax: (310) 787 8619

info@aorusa.com www.aorusa.com