

SolarDAB 2 Trouble shooting Guide

Important Note: For any unusual problem ‘System reset’ your radio (see page 22) of Instruction book). . An electronic copy of the latest Troubleshooting Guide can be obtained by requesting at a.g@robertsts.co.uk email address.

Please note: If you live in a flat, or your building is steel-framed or reinforced concrete, or if the topography of where you live means you get poor FM or mobile phone service, your DAB coverage may be affected.

Symptoms	Remedies
1. Radio cuts out.	<ul style="list-style-type: none"> • Make sure the aerial is installed on the top left hand side and fully extended by pulling the top section of the aerial – see page 8 step 1. Reposition the radio/aerial to get maximum signal strength (see page 10 step g). • Make sure batteries are not flat (if using on batteries). Try radio on mains (using mains adaptor). • Check the digital radio (DAB) coverage in your area using the link – www.ukdigitalradio.com/coverage/search/default.asp and your postcode. The type of building and surroundings can seriously affect the DAB reception. Sizeable concrete and metal work in the building (e.g. Block of flats, shopping centre, near or under a bridge, thermal insulation with aluminium foil) can considerably reduce the signal strength.
2. Display starts to fade, sound breaking up, signal strength shows low. Radio switches off.	These are typical low battery symptoms (if using on batteries). Charge your batteries using mains adaptor
3. Presetting station into the memory.	See page 18 for storing.
4. Recalling a preset station does not work.	<ul style="list-style-type: none"> • See page 18 for recalling presets.
5. Can not receive BBC Sports Extra, display shows “Not Available”.	<ul style="list-style-type: none"> • This radio station is not transmitting all the time. Transmitting details can be found using following links. http://www.bbc.co.uk/fivelive/sportsextra/schedule.shtml http://www.bbc.co.uk/fivelive/listings/day.shtml?day=today
6. Batteries are not lasting long.	<ul style="list-style-type: none"> • Recharge the batteries as stated on page 4. • New rechargeable batteries take few (charge and discharge) cycles before restoring to full capacity. • If this does not work replace the batteries.
7. Radio plays only one station. Unable to change the station.	<ul style="list-style-type: none"> • See page 9. In step 3 push the tuning control in momentarily. • Or it may be showing only preset stations – heart symbol (♥) will show if preset selected. To cancel preset – simply press and release preset button quickly to make heart symbol disappear.
8. Buttons do not work, radio frozen. Not switching on.	<ul style="list-style-type: none"> • Disconnect the battery momentarily and try again.

9. New unit (or battery) - will not charge.	<ul style="list-style-type: none"> • New or deeply discharged battery takes longer to charge.
10. Not generating enough charge from solar panel.	<ul style="list-style-type: none"> • Solar panel will generate maximum charge current when placed perpendicular to uninterrupted (direct) sunlight at mid day in summer. Variations, such as <ol style="list-style-type: none"> 1. time of the day, 2. month of the year, 3. sky condition (cloudy etc.), 4. medium between panel & sunlight (e.g. glass, curtain) 5. angle of the solar panel to direct sunlight can considerably reduce the amount of charge produced by the solar panel. • Charge the battery with eco-friendly power adaptor.
11. Rechargeable batteries do not last long after full charge.	<ul style="list-style-type: none"> • Rechargeable batteries must be charged before use. • Make sure the batteries used are NiMH and not NiCad. • When new, rechargeable batteries need few charge and discharge cycles before restoring to full capacity. • To condition new batteries, disconnect the power lead when red light go out and reconnect the power after 10 minutes. Repeat this procedure 4-5 times. • Play time period depends on the capacity of the batteries. Typical 1300mAh battery should last for 6 hours when fully charged. Higher capacity batteries will last longer. • Batteries used under proper conditions can last 500 cycles or more see manufacturer data sheet.