



DAB 50 DAB/FM Tuner

User Manual



Order code: CRAM21

WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.



CAUTION!
KEEP THIS EQUIPMENT
AWAY FROM RAIN,
MOISTURE AND LIQUIDS



CAUTION!
TAKE CARE USING
THIS EQUIPMENT!
HIGH VOLTAGE-RISK
OF ELECTRIC SHOCK!!

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the equipment and do not modify the unit.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available mains supply voltage 240V, 50Hz.
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately and have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not connect power or switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Pro Light dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- WARRANTY: One year from date of purchase.

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

DAB 50 DAB/FM Tuner

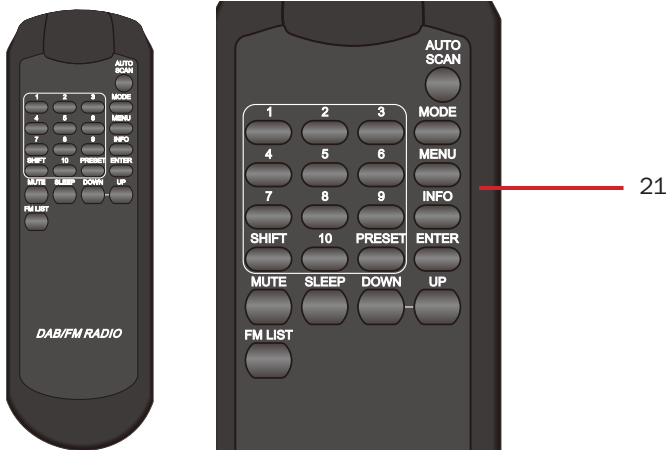
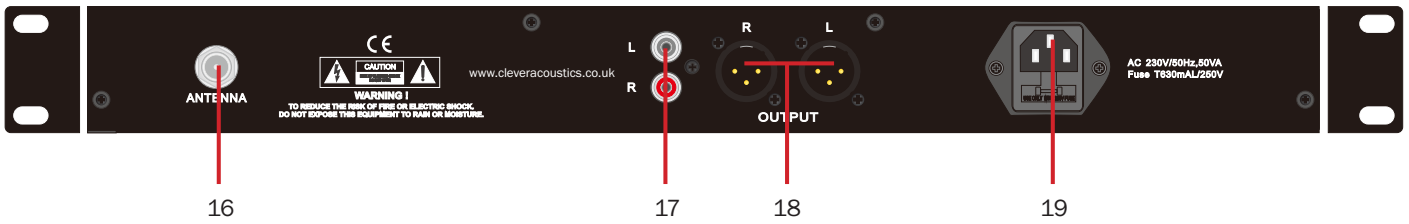
This DAB/FM Tuner is warranted from defects for one year from the date of purchase. Should your DAB/FM Tuner require service, either within or beyond that warranty period, please contact your Prolight Dealer.

This unit includes a host of features, along with an impressive list of specifications, which are detailed over the next pages. Please take the time to read this document completely prior to installation of this product.

- DAB and FM radio tuner
- Auto/manual tuning
- 20 preset memory (10 DAB, 10 FM)
- LCD screen
- Radio station display
- Radio text (scrolling)
- Automatic radio controlled time and date
- Stereo outputs via balanced XLR or unbalanced RCA
- IR remote control (batteries not included)
- 1U 19" rack mountable with removable rack ears
- Illuminated buttons for operation in dark environments



Specifications	CDMP 50
Inputs	FM 75Ω unbalanced antenna terminal
Outputs	2 x balanced XLR (L+R), and unbalanced RCA (L+R)
Power supply	240V AC
Power consumption	50VA
Dimensions (H x W x D)	44 x 484 x 185mm
Weight	3.35kg



In the box: **1 x fixture,**
1 x power cable,
IR remote, telescopic
FM antenna
& 1 x user manual

- 01 - On/off power button
- 02 - Preset memory buttons
- 03 - SHIFT button
- 04 - MUTE button
- 05 - LCD display
- 06 - MODE button
- 07 - Remote sensor

- 08 - DOWN button
- 09 - MENU button
- 10 - UP button
- 11 - INFO button
- 12 - ENTER button
- 13 - SLEEP button
- 14 - FM list

- 15 - Rotary tuner
- 16 - Antenna
- 17 - RCA output
- 18 - XLR output
- 19 - IEC in socket
- 20 - Mains inlet

Layout identification:**1. On/off power button**

Use this to power the unit on/off.

2. Preset memory buttons

Press to access programmed stations.

3. SHIFT button

Press to jump preset by 10, press and hold for FM scan list.

4. MUTE button

Press to mute output, press again to un-mute.

5. LCD display

Shows frequency and/or station information.

6. MODE button

Toggles between DAB and FM modes.

7. Remote sensor

Receives control signal from the handheld remote.

8. DOWN button

Press to manually tune to lower channels, press and hold to auto-scan

9. MENU button

Changes menu options for on-screen editing.

10. UP button

Press to manually tune to higher channels, press and hold to auto-scan.

11. INFO button

If the tuner is operating in FM mode, the INFO button changes RDS options. If the tuner is operating in DAB mode, the INFO button changes LCD display.

12. ENTER button

Press to confirm selection

13. SLEEP button

Press to enter sleep mode and then use UP/DOWN keys to set sleep time.

14. FM list

Press to display the list of FM stations scanned.

15. Rotary tuner

Rotary Tuning Selector: Rotate to manually tune stations, press to select, hold for auto-scan.

16. Antenna

Telescopic removable antenna on F connector.

17. RCA output

Twin RCA connectors for audio output.

18. XLR output

Balanced XLR connectors for audio output.

19. Mains inlet

Combined IEC and fuse holder for mains power connection.

19. IR remote

For full IR remote button functions see page 6.

Remote control function buttons

Buttons	Functions
Preset buttons	Press to access programmed stations
AUTO SCAN	Press to auto-scan for available stations
MODE	Toggles between DAB and FM modes
MENU	Changes menu options for on-screen editing
INFO	In FM mode, changes RDS options In DAB mode, changed LCD display
ENTER	Press to confirm selection
UP	Press to manually tune to higher channels, press and hold to auto-scan
PRESET	Press to select preset station
DOWN	Press to manually tune to lower channels, press and hold to auto-scan
SLEEP	Press to enter sleep mode and then use UP/DOWN keys to set sleep time
SHIFT	Press to jump preset by 10, press and hold for FM scan list
MUTE	Press to mute output, press again to un-mute
FM LIST	Press to display the list of FM stations scanned

Operation instructions

1. Connect the rear outputs (17/18) to a line input on the mixer or mixer-amp using a high quality audio cables.
2. Extend the rear antenna (16) or in places of poor reception, replace this with an F connector lead to a well sited aerial for better reception.
3. Connect the rear IEC inlet (19) to the mains using the supplied mains lead (or an equivalent approved type). Ensure that the voltage is correct and that the mains outlet is switched on.
4. Press the power switch (1) to the ON position.
5. Select either DAB or FM mode using the MODE button (6) and press and hold the centre of the rotary tuner (15) to initiate auto-scanning of available stations.
6. Access these stations using the preset memory keys (2)
7. Pressing the SHIFT key (3) increments the preset by +10
8. The rotary tuner can be used to manually tune frequencies and stations. This function is also available using the UP/DOWN keys.
9. Pressing the centre of the rotary tuner confirms the current tuning selection, whilst pressing the centre and holding initiates auto-scanning.
10. In FM mode, the stored stations can be listed in the LCD display by pressing the FM LIST button (14)
11. In DAB mode, the station information is carried along with the digital audio signal.
12. In FM mode, radio station information is carried by the Radio Data System (RDS).
13. The information shown in the LCD display can be changed using the INFO button (11)
14. The audio output may be muted indefinitely by pressing the MUTE button (4) and pressing this button again will cancel the mute function
15. Alternatively, the unit can be placed in sleep mode for a fixed period of time by pressing the SLEEP button and using UP/DOWN keys to set the duration, after which the unit will automatically "wake"



***Correct Disposal of this Product
(Waste Electrical & Electronic Equipment)***

**(Applicable in the European Union and other European countries
with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

