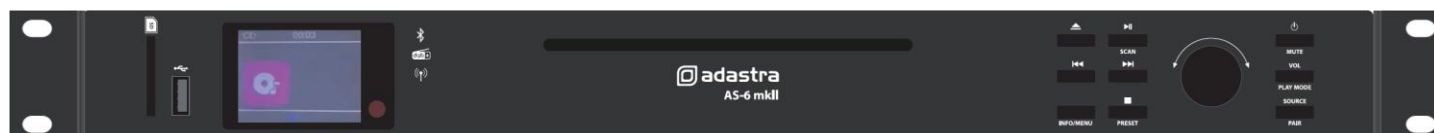


AS-6 mkII

Audio Source Multi-Player

Item ref: 952.987UK

User Manual



Version 1.0



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing the Adastra AS-6 mkII CD audio source multi-player as part of your sound system. This unit is designed to offer high quality playback of digital audio media, DAB+ and FM radio stations. Please read this manual to gain the best results from your product and avoid damage through misuse.

SAFETY SYMBOL AND MESSAGE CONVENTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ELECTRIQUE NE PAS
OUVRIR



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



SAFETY NOTICE

1. Prior to use, read through this manual
2. Keep the manual in good condition
3. Pay attention to safety warnings
4. Observe all operating requirements
5. Do not use the device near water or wet areas
6. For cleaning, only use a lint-free, dry cloth
7. Install according to the specifications
8. Place away from heat sources or heating appliances
9. Use mains lead provided and avoid damage to cable or connectors
10. Unplug power from mains during stormy weather or if unused for long periods
11. In case of malfunction, water ingress or other damage, consult qualified service personnel
12. Do not place in damp areas or near liquids or moisture. Do not spill liquids on the housing
13. Please pay attention to warning symbols during transit and placement
14. Terminals marked with the ⚡ symbol are HAZARDOUS LIVE and should only be connected by qualified personnel
15. Ensure that the apparatus is connected to a mains socket with a protective EARTH connection
16. Ensure correct operation of the mains switch

Warning

To prevent the risk of fire or electric shock, do not expose any components to rain or moisture. If liquids are spilled on the casing, stop using immediately, allow unit to dry out and have checked by qualified personnel before further use. Avoid impact, extreme pressure or heavy vibration to the case. Do not allow foreign objects into the CD slot or USB/SD inputs. No user serviceable parts inside – Do not open the case – refer all servicing to qualified service personnel.

Safety

- Check for correct mains voltage and condition of IEC lead before connecting to power outlet

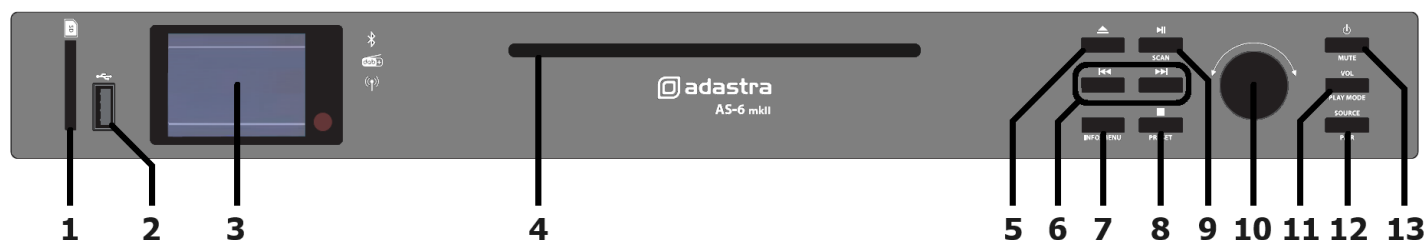
Placement

- This unit can be used free-standing or fixed into a 19" rack
- Ensure adequate support and access to controls and connectors when rack-mounting

Cleaning

- Use a soft cloth with a neutral detergent to clean the housing as required
- Use a vacuum cleaner to clear apertures and controls of any dust or debris build-ups
- Do not use strong solvents for cleaning the unit

Front panel



- | | |
|---------------------------|------------------------------------|
| 1. SD Card slot | 8. Stop / Preset select |
| 2. USB input | 9. Play/Pause |
| 3. Backlit colour display | 10. Rotary encoder |
| 4. CD slot | 11. Volume / Play mode select |
| 5. Eject button | 12. Source select / Bluetooth Pair |
| 6. Previous/Next select | 13. On/Off/Mute button |
| 7. Info/Menu button | |

Rear panel



- | | |
|---|--|
| 14. Mains power inlet IEC and fuse holder | 17. I.R. remote eye connection |
| 15. Balanced Left + Right XLR outputs | 18. Bluetooth antenna connection |
| 16. Left + Right RCA outputs | 19. DAB/FM antenna connection (F-type) |

Connection

Connect the output from the AS-6 mkII to a mixer or amplifier line input using either the balanced XLR outputs (15) or the RCA output connectors (16)

A spring-loaded magnetic base antenna is supplied for FM and DAB+ radio reception. Connect the lead of the antenna to the F-type DAB & FM connector on the rear panel (19) and position the antenna in a place with good reception. You can check this by tuning into DAB+ or FM channels as described in the relevant sections further below.

If there is no good place to position the supplied antenna for radio reception, a better alternative is to connect the FM & DAB connector to an external or rooftop aerial via coax cable.

Connect the supplied short Bluetooth antenna to the threaded BT ANTENNA connector (18)

For installations where the AS-6 mkII may be away from line-of-sight, an I.R. remote eye is provided, which can be connected to the IR Remote connector (17).

Connect the supplied IEC mains lead into the power inlet (14) with the plug top into a suitable mains power outlet.

When powered up, the default standby display is a clockface with the date and day shown above.

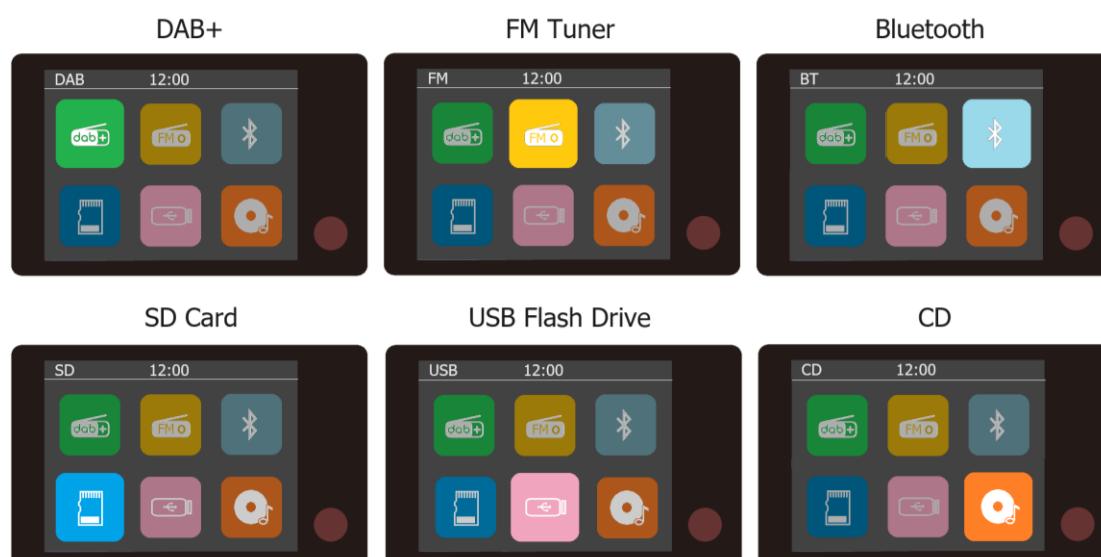
Settings

When in standby mode (clock face), pressing the INFO/MENU button will enter the main settings Menu. Press encoder to enter a setting and rotate to adjust. Press encoder to confirm or Info/Menu to go back.

Backlight	Timeout adjusts time to dim backlight. Brightness adjusts overall backlight brightness.
Time/Date	Date/Time manually adjusts date & time. Hour System is 12 or 24-hour. 3 x Date Format.
	Clock Style can be Analog or Digital face. Auto update is No Update or Update from Radio.
Language	Language can be set to English, Deutsch, Français or Italiano.
Factory Reset	Select YES to return to factory settings or NO to go back.
System Version	Displays the current firmware version.

Activation and Source Selection

From the standby clock, briefly press the On/Off/Mute button (13) to switch the player on. The player will revert to the last source setting (DAB+, FM, BT, SD, USB, or CD). To change this, press the Source select / Bluetooth Pair button (12) and turn the rotary encoder (10) to the required option. The display will step through 6 options as shown below.



When the required source is highlighted, press the encoder to confirm.

DAB / DAB+ Tuner

When the DAB+ source is selected, the AS-6 mkII is in DAB / DAB+ tuner mode and may already have some stations stored as presets. The last selected station will be playing with the station title above and text information next to the DAB+ symbol in the display.

The information displayed can be selected by repeatedly pressing the Info/Menu button (7). One of the Info options is a red bar graph, showing the strength of the DAB+ signal. This can be useful for adjusting the position of the antenna or checking reception from an external aerial.

The playback volume can be adjusted by pressing the Volume / Play Mode button (11) and turning the rotary encoder (10) to set the output level. Output can be muted or unmuted by briefly pressing the On/Off/Mute button (13)

The list of preset stations can be stepped through by either pressing the Previous/Next buttons (6) or turning the rotary encoder (10) and then pressing the rotary encoder to select the highlighted station.

To re-tune all pre-set stations, activate the auto-tuning feature of the AS-6 mkII by holding the Play/Pause button until a scanning bar graph is displayed. When the bar graph reaches 100%, all available stations will be stored in memory for selection when required.

FM Tuner

The FM tuner option can be useful where there is no DAB or DAB+ signal available and operates in a similar way to the DAB+ tuner.

The text information displayed next to the FM symbol can be selected by repeatedly pressing the Info/Menu button (7).

The playback volume can be adjusted by pressing the Volume / Play Mode button (11) and turning the rotary encoder (10) to set the output level. Output can be muted or unmuted by briefly pressing the On/Off/Mute button (13)

Unlike the DAB+ tuner, turning the rotary encoder (10) manually tunes the reception frequency in steps of 0.05MHz. Pre-set stations are selected by pressing the Previous/Next buttons (6) or pressing the Stop / Preset button (8) and then using the rotary encoder to select from a drop-down list. Pressing the encoder to select the highlighted station.

To re-tune all pre-set stations, activate the auto-tuning feature of the AS-6 mkII by holding the Play/Pause button until a scanning bar graph is displayed. When the bar graph reaches 100%, all available stations will be stored in memory for selection when required.

Bluetooth Receiver

Selecting the BT source option ("B" rune symbol) opens the AS-6 mkII inbuilt Bluetooth receiver. A device that is previously paired with the AS-6 mkII via Bluetooth will automatically connect if it is within Bluetooth range.

To pair a new device, press the Source / Pair button (12) to initiate pairing on the AS-6mkII. Open the Bluetooth menu on a smart phone or other sending device and search for the device called "Adastra AS-6 mkII" and select to pair. Once paired, the display will state "Connected" or "Playing" and show the name of the connected device. This device will stream any audio playback wirelessly to the AS-6 mkII.

The playback volume can be adjusted by pressing the Volume / Play Mode button (11) and turning the rotary encoder (10) to set the output level. Output can be muted or unmuted by briefly pressing the On/Off/Mute button (13)

During Bluetooth playback, the Play/Pause button (9) will pause or play the current track remotely on the sending device. The Previous / Next buttons (6) or turning the rotary encoder (10) will select the track being played.

Playback controls for CD/USB/SD

CD, USB and SD card modes have some common controls for playback, navigation and display.

The playback volume can be adjusted by briefly pressing the Volume / Play Mode button (11) and turning the rotary encoder (10) to set the output level. Output can be muted or unmuted by briefly pressing the On/Off/Mute button (13).

A short press of the Previous / Next buttons (6) or turning the rotary encoder (10) will select the track being played. Holding the Previous / Next buttons will fast reverse or fast-forward the track being played.

Pressing and holding the Volume / Play Mode button enters the Play Mode menu, offering Repeat One, Repeat All, Random and Normal playback modes, selectable using the rotary encoder.

CD Playback

The AS-6 mkII has a mode for playing standard audio CDs (playback of other disc formats is not supported). To play a CD, use the source select procedure to enter CD mode. If you are unsure if a disc is already loaded, press the eject button (5), which will push any CD that is already loaded back out of the CD slot (4). To load a CD, carefully feed a disc into the slot 'label up' and the mechanism will draw the CD into the machine. Playback should begin automatically and can be paused or resumed using the Play/Pause button. The feed mechanism will only operate in CD mode. Press eject to remove or change the CD as required.

The display will show the CD symbol, playback mode (playing/paused/stop), track number and elapsed time.

Note: Do not insert mini-CDs as these are not suitable for slot feed machines and could lead to damage.

SD Card Playback

Insert an SD card (formatted to FAT32, 32GB max.) with standard mp3 audio files into the SD card slot (1). Selecting the SD card option in the source menu will begin playback of stored tracks (or press Play/Pause). The SD text information displayed in the display can be selected by pressing the Info/Menu button (7).

USB Playback

Insert a USB flash drive (formatted to FAT32) with standard mp3 audio files stored on it into the USB port (2). Selecting the USB option in the source menu will begin playback of stored tracks (or press Play/Pause). The USB text information displayed in the display can be selected by pressing the Info/Menu button (7).

Remote control

Controls for the AS-6 mkII are also provided on a handheld Infra-Red remote control.

Open the rear compartment on the handheld remote and install 2 x AAA batteries, observing the correct polarity as indicated inside the compartment. Replace the battery compartment cover.

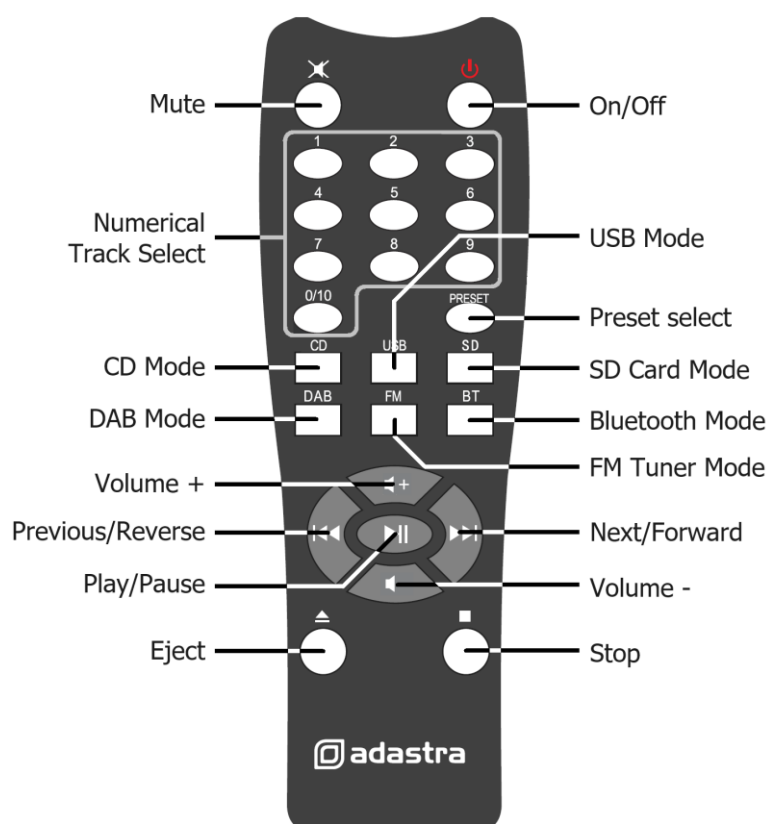
Aim the remote control towards the I.R. detector next to the display or towards the I.R. remote eye (if connected to the IR Extender input on the rear panel).

Remove batteries from the handset if not being used for long periods.

The remote handset replicates all of the front panel controls with some additions.

There are separate DAB, FM, BT, SD, USB and CD select buttons and a full 0-9 numerical select button set for faster access to media and tracks. Pressing 0/10 adds a zero before or after the selected number.

To power down, press and hold the On/Off/Mute button (13) on the front panel. Press and hold this button again to power up.



Troubleshooting

No Power LED or Display lit	Check mains lead is connected correctly, and the mains is switched on.
	Press and hold the On/Off/Mute button to check if powered down.
	Check the fuse in the mains lead and in the IEC inlet (disconnect mains firstly)
No CD playback	Check that the AS-6 mkII is in CD player mode and not in standby.
	Check that CD is inserted correctly 'label up' – eject and re-insert if unsure
	The AS-6 mkII will only play audio CDs and mini-CDs are not suitable for this player
	Check that the disc contains standard CD audio files (i.e. red book format)
	If the display shows a CD track as playing, check that MUTE is not activated
No USB playback	Check that the AS-6 mkII is in USB player mode and not in standby.
	The AS-6 mkII is compatible with USB devices formatted to the FAT32 file system
	Check that the USB device is connected properly.
	Ensure that the files on the USB device are standard compressed mp3 format.
	If the display shows a USB track as playing, check that MUTE is not activated
No SD card playback	Check that the AS-6 mkII is in SD card player mode and not in standby.
	The AS-6 mkII is compatible with SD cards formatted to the FAT32 file system
	Check that the SD card is inserted properly.
	Ensure that the files on the SD card are standard compressed mp3 format.
	If the display shows an SD card track playing, check that MUTE is not activated
No FM or DAB+ radio reception	Ensure that the supplied antenna or an external aerial is connected.
	Check that a valid station is selected – press 'Previous' or 'Next' to select a channel
	If channels are not tuned in correctly, press and hold 'Play/Pause' to re-tune.
	Check that MUTE is not activated

Specifications

Power supply	230Vac, 50Hz (IEC)
Fuse	F1AL 250V (5 x 20mm)
Power consumption	≤15W
Outputs	L+R XLR (balanced line level), L+R RCA (line level)
Modes	CD, USB, SD, FM, DAB+, Bluetooth
Frequency response	20Hz - 20kHz (CD), 40Hz - 16kHz (USB/SD/DAB/FM/BT)
THD	0.03% (CD), 0.05% (USB/SD), 0.10% (DAB/FM)
SNR	≥75dB (CD/USB/SD), ≥65dB (FM)
Tuning range	87.5 - 108MHz (FM), 160MHz - 240MHz (DAB/DAB+)
Dimensions	482 x 167 x 44mm (1U)
Weight	2.35kg



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

Hereby, AVSL Group Ltd. declares that the radio equipment type 952.987UK is in compliance with [Directive 2014/53/EU](#)

The full text of the EU declaration of conformity is available at the following internet address:
<http://www.avsl.com/assets/exportdoc/9/5/952987UK%20CE.pdf>

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