

AD-400

CD Player with USB/SD and FM Tuner

Item ref: 952.982UK

User Manual



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

Introduction

Thank you for choosing the Aداstra AD-400 CD player with USB/SD and FM tuner as a professional audio source. This unit is designed to offer high quality playback of digital audio media 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

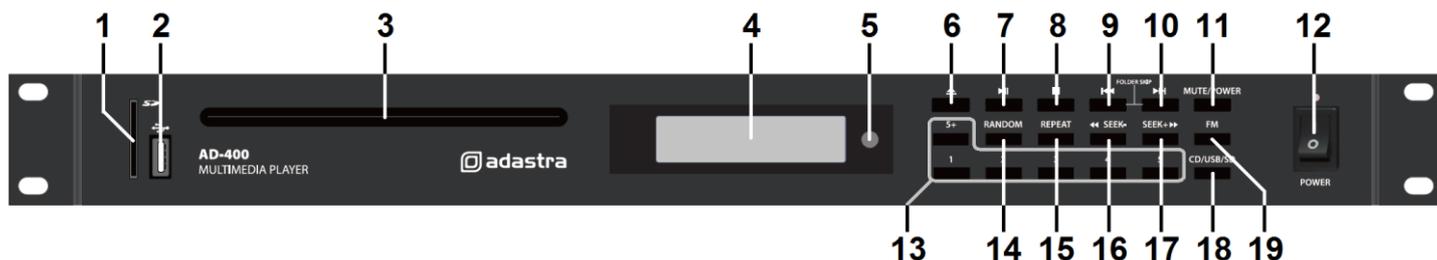
Placement

- 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 | 11. Mute/Power |
| 2. USB input | 12. Power on/off switch |
| 3. CD slot | 13. Numerical track select |
| 4. LCD display | 14. Random play |
| 5. I.R. remote detector | 15. Repeat mode |
| 6. Eject | 16. Reverse/Seek- |
| 7. Play/Pause | 17. Forward/Seek+ |
| 8. Stop | 18. CD/USB/SD select |
| 9. Previous (track/channel) | 19. FM tuner select |
| 10. Next (track/channel) | |

Rear panel



- | | |
|-------------------------------------|------------------------------------|
| 20. Mains inlet IEC and fuse holder | 23. Optical digital audio output |
| 21. I.R. remote eye connection | 24. FM antenna connection (F-type) |
| 22. Left + Right RCA outputs | |

Connection

Ensure the Power (12) is switched off and connect the supplied IEC mains lead into the power inlet (20) with the plug top into a suitable mains power outlet.

Connect the output from the AD-400 to a mixer or amplifier line input using the RCA output connectors (22) or if available, using the optical digital output connector (23).

If the FM radio is to be used, connect an external aerial or antenna to the FM Antenna connector (24).

For installations where the AD-400 may be away from line-of-sight, an I.R. remote eye is provided, which can be connected to the IR Remote connector (21).

CD Playback

Switch on the power (12) and the LCD display will illuminate. To load a CD, carefully feed into the slot (3) 'label up' and the mechanism will draw the CD into the machine. The display will show the number of tracks and total time. Do not insert mini CDs as these are not suitable for slot feed machines.



Playback may begin automatically, depending upon the media inserted. To start or pause playback, press Play/Pause (7).

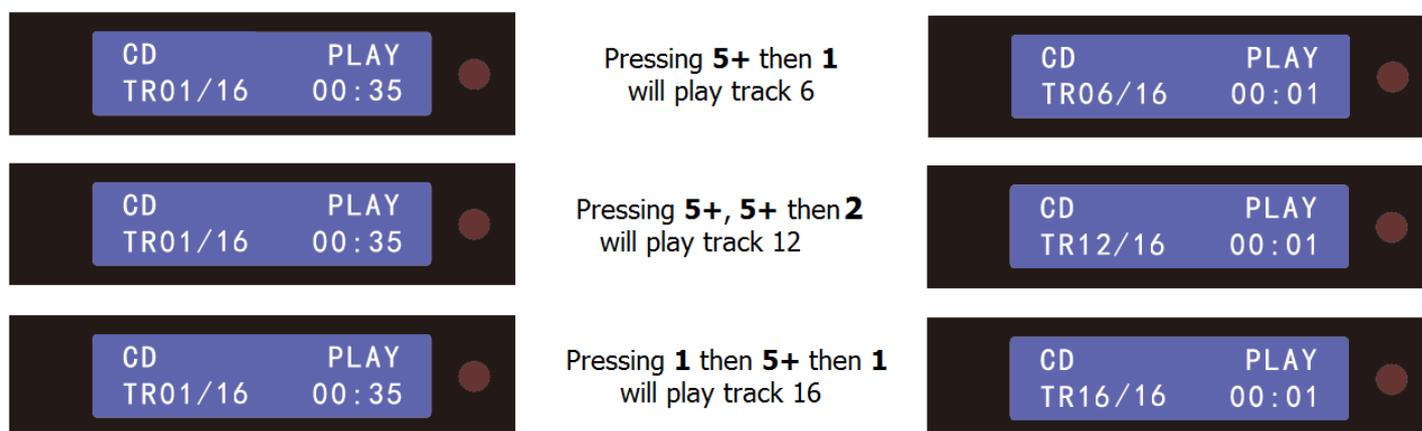
To fast reverse or forward through the current track, press Reverse/Seek- or Forward/Seek+ buttons to step through 2x, 4x, 8x, 16x and 32x speeds.

To continue playback but mute the output, press Mute/Power (9) – press again to un-mute the output.

Holding in the Mute/Power button for 3 seconds serves as a power on/standby switch.

To remove a CD, press Eject (6)

Pressing one of the Numerical track select buttons (13) will jump directly to that track number on the disc. Pressing the "5+" button followed by another number adds 5 to that number, pressing "5+" twice adds 10 to that number and so on.



During playback, the display will show the track number and elapsed time. Tracks can be navigated sequentially by pressing the Previous or Next track buttons (9, 10) and the play order can be randomized by pressing the Random play button (14).



The Repeat button (15) selects between REP 1 (repeat current track), REP A (repeat all tracks) or no repeat.



To stop playback altogether, press Stop (8)

USB/SD Playback

To play audio from a USB memory device or SD card, insert the device into the relevant slot (1, 2) and press CD/USB/SD (18) to select the required media. Press Play/Pause to initiate playback.

Track navigation is the same for USB or SD card playback as described above for CD playback.



To eject either of these media, simply remove it from the slot.



FM Tuner

To switch to FM tuner mode, press the FM button (19). The display will show the stored channel and FM frequency.



There are 30 channels, which can be programmed by the user.

To step through stored channels, press the Previous or Next buttons.



Alternatively, stations can be selected via the numerical select buttons in the same way that CD, USB or SD tracks can be accessed. Pressing "5+" jumps 5 channels and numbers "1 – 5" select individual channels.

To manually tune to a new FM station, press Reverse/Seek- or Forward/Seek+ to step through the FM frequencies in 0.05MHz steps.

Pressing either of these buttons for 3 seconds with activate auto-seek mode and the tuner will step through frequencies until a strong signal is detected and stop.

When a suitable FM station is found, it can be stored into one of the 30 channels by pressing the Play/Pause button, which causes "CH00" to flash in the display.

Pressing Previous or Next buttons steps through the channel memories and when the required number is selected, pressing Play/Pause stores the current tuning frequency to the selected channel memory.



As with CD, USB or SD playback, the Mute/Power button will either mute the FM output or put the player in standby mode if held in for 3 seconds.

Remote control

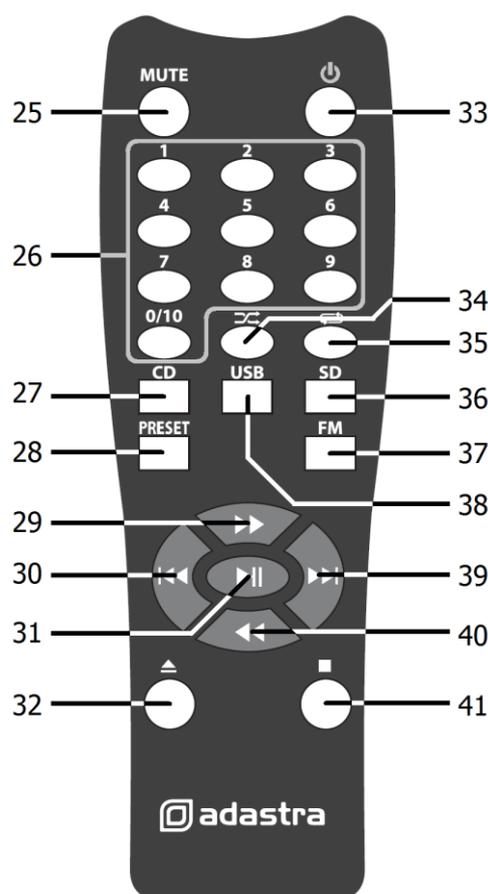
Controls for the AD-400 are also provided on a handheld Infra-Red remote control.

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.

- 25. Mute
- 26. Numerical track select
- 27. CD select
- 28. Preset (FM auto-tune)
- 29. Forward/Seek+
- 30. Previous (track/channel)
- 31. Play/Pause
- 32. Eject
- 33. Power on/standby
- 34. Random play
- 35. Repeat mode
- 36. SD select
- 37. FM select
- 38. USB select
- 39. Next (track/channel)
- 40. Reverse/Seek-
- 41. Stop



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

There are separate CD, USB, SD and FM 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.

The remote handset can also offer auto-tune for all of the FM channels.

Press the Preset button (28) and the AD-400 will search through FM frequencies checking for a strong signal. When a clear signal is reached, this will usually be a valid radio station and the AD-400 will automatically store this into one of the channel locations and then continue to search through further FM frequencies until all clear signals are stored or all 30 channel memories are full.

Troubleshooting

| | |
|---------------------------------|---|
| No Power LED or Display lit | Check mains lead is connected correctly and the mains is switched on |
| | Check the fuse in the mains lead and in the IEC inlet (disconnect mains lead first) |
| | Check power switch is on |
| No display - power LED flashing | Press and hold MUTE/POWER button for 3 seconds to exit standby mode |
| No CD playback | Check that CD is inserted correctly 'label up' – eject and re-insert if unsure |
| | Check that USB, SD or FM source are not selected (press CD/USB/SD button) |
| | The AD-400 will not play DVD discs and mini CDs are not suitable for this player |
| | Check that the disc contains CD audio or standard compressed digital audio files |
| | If the display shows a CD track as playing, check that MUTE is not activated |
| No USB playback | Check that the USB device is connected properly |
| | Ensure that the files on the USB device are standard compressed digital audio |
| | The AD-400 is compatible with USB devices formatted to the FAT32 file system |
| | Check that CD, SD or FM source are not selected (press CD/USB/SD button) |
| | If the display shows a USB track as playing, check that MUTE is not activated |
| No SD card playback | Check that the SD card is inserted properly |
| | Ensure that the files on the SD card are standard compressed digital audio |
| | The AD-400 is compatible with SD cards formatted to the FAT32 file system |
| | Check that CD, USB or FM source are not selected (press CD/USB/SD button) |
| | If the display shows a SD card track as playing, check that MUTE is not activated |
| No FM radio reception | Ensure that an FM aerial is connected to the rear antenna connector |
| | Check that a valid station is selected – press 'Previous' or 'Next' to select a channel |
| | If channels are not tuned in correctly, press 'Preset' on the remote to auto-tune |
| | Alternatively, perform manual tuning shown in the 'FM Tuner' section in this manual |
| | Check that MUTE is not activated |

Specifications

| | |
|--------------------|---|
| Power supply | 100-240Vac, 50/60Hz (IEC) |
| Power consumption | ≤15W |
| Fuse | F1AL 250V |
| Frequency response | 20Hz-20kHz (CD), 40Hz-16kHz (USB/SD/FM) |
| THD | 0.03% (CD), 0.05% (USB/SD), 0.1% (FM) |
| SNR | 75dB (CD/USB/SD), 60dB (FM) |
| FM frequency range | 87.5 - 108MHz |
| Channels | 30 storable FM channels |
| Antenna connection | F connector |
| Output connections | L+R RCA and optical |
| Dimensions | 482 x 175 x 44mm |
| Weight | 2.12kg |



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.

*Errors and omissions excepted.
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