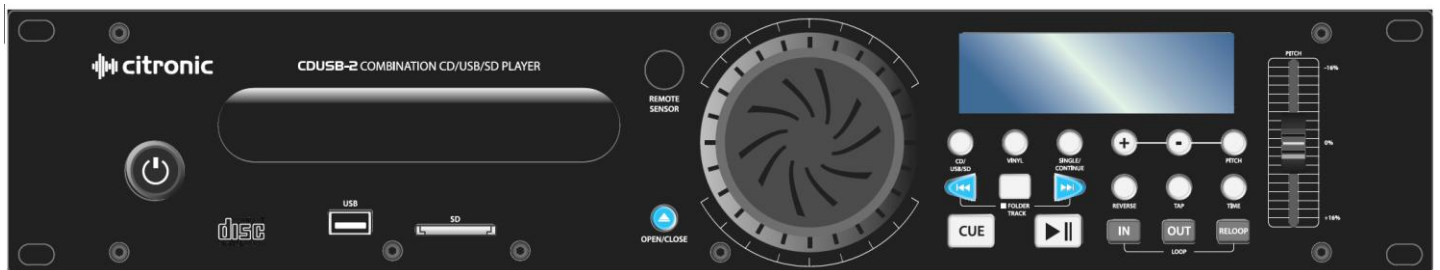# CDUSB-2

CD/USB/SD PLAYER 2U

Item ref: 170.663UK

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 CDUSB-2 CD/USB/SD player as part of your playback system. This product has been developed to provide a flexible, high quality audio source for PA, background music and DJ applications. Please read and keep this manual to achieve the best results from the unit and avoid damage from misuse.

Package Contents

- CDUSB-2 CD/USB/SD player 2U
- IR remote control + batteries
- Mains lead(s)
- User manual

If you find any accessory is missing or the product has arrived with any problems, please contact your retailer at once.

This product contains no user-serviceable parts so make no attempt to try to fix or modify this item yourself as this will invalidate the warranty. We recommend you keep the original package and proof of purchase for any possible replacement or returned demand.

Warning

To prevent the risk of fire or electric shock, do not expose any of the components to rain or moisture.
If liquids are spilled on the housing or disc drawer, stop using immediately, allow unit to dry out and have checked by qualified personnel before further use.
Avoid impact or heavy vibration to any of the components.

No user serviceable parts inside - refer servicing to qualified service personnel.

Safety

- Ensure that the correct mains lead is used and that the mains voltage is as stated on the unit
- Avoid ingress of water or particles into any part of the housing
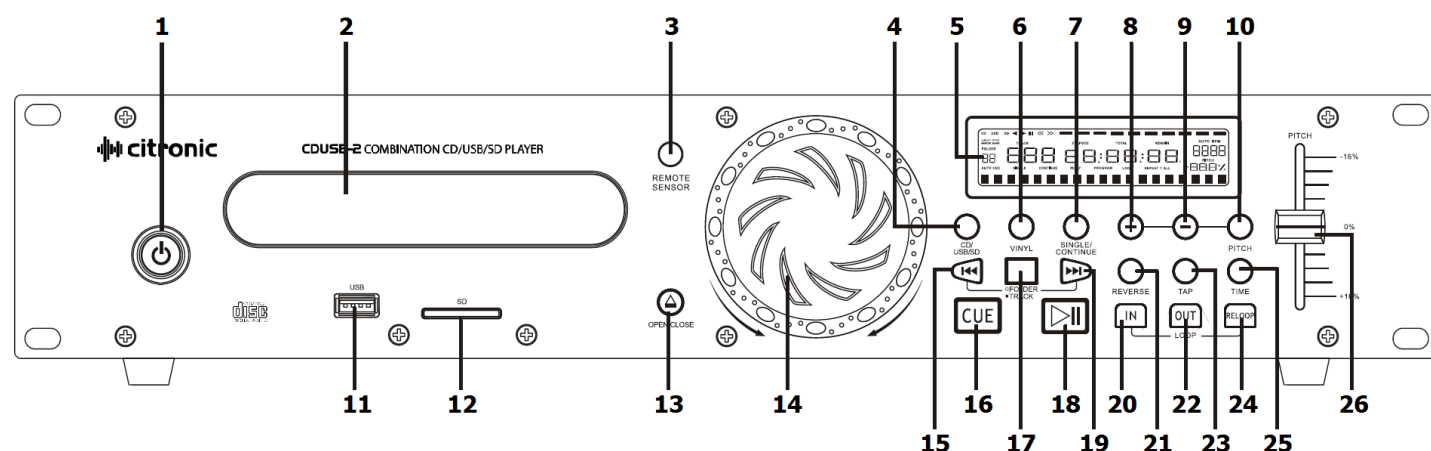- Do not place heavy objects on the disc drawer when ejected

Placement

- Keep the console out of direct sunlight and away from heat sources
- If rack-mounting, ensure that there is adequate support for the weight of the CDUSB-2 and that items racked above it do not place too much pressure to the top of the housing
- Allow adequate space for the rear connections and avoid leaving controls exposed to possible damage
- Allow adequate space for the disc drawer to eject at the front of the unit and USB devices to be inserted
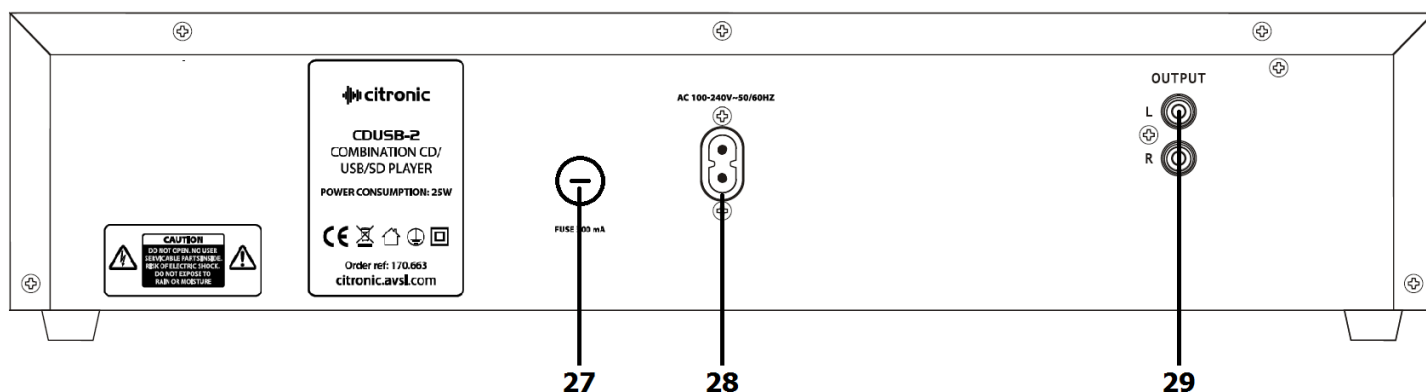
Cleaning

- Use a soft dry or slightly damp cloth top clean surfaces of the control panels
- A soft brush can be used to clear debris from between controls without damaging them
- To avoid damage, do not use solvents to clean the components
- A standard cleaning compact disc may be used if the player begins to have difficulty reading discs

Front Panel

1.	Power	Press in to power the unit up
2.	Disc drawer	Load a CD here (print side up) using the Open/Close button (13)
3.	IR receiver	Infra red detector for the signal from the remote control
4.	Source select	Press to switch through CD - USB - SD - CD - USB - SD etc.
5.	Multi-function display	Illuminated display with track, name, time and status info
6.	Vinyl	Press to make the jog wheel react like a vinyl disc
7.	Single/Continue	Press to toggle between single track play and continuous
8.	+ pitch bend	Press & hold to temporarily bend the pitch up to +16%
9.	- pitch bend	Press & hold to temporarily bend the pitch down to -16%
10.	Pitch	Press to activate the pitch slider (26)
11.	USB port	Insert USB device here containing compressed audio files
12.	SD card slot	Insert SD media here containing compressed audio files
13.	Open/Close	Press to eject drawer or load disc into the machine
14.	Jog wheel	Rotate to find cue points, beat sync or scratch passages
15.	Backward search	Search back through folders/tracks - hold for speed search
16.	Cue	Press to return to cue point set by the "In" button (20) – hold to play
17.	Folder/Track	Press to toggle between folder search or track search
18.	Play/Pause	Press to play or pause current track
19.	Forward search	Search forward through folders/tracks - hold for speed search
20.	In	Press to set a cue point, which is also the start when playing a loop
21.	Reverse	Engages reverse playback effect
22.	Out	Press to set the end point of a loop, press again to exit the loop
23.	Tap	Tap this button in time with and the BPM value will be displayed
24.	Reloop	Press to jump to the playback loop if the start and end points are set
25.	Time	Select time display - track elapsed / track remaining / total remaining
26.	Pitch slider	Adjust pitch up to ±16% when pitch is activated (10)

Rear Panel

27. Fuse holder   Holder for 20mm mains fuse 500mA
28. Fig.8 mains inlet   Connect to 100-240Vac power outlet using supplied mains lead
29. Audio output   Left + Right RCA line output


Remote Control

The CDUSB-2 is supplied with a handheld infra red remote control.
Before use, insert 2 x AAA batteries into the rear compartment, observing the polarity as indicated.

Most of the front panel controls are duplicated on the remote control handset.
There are also some additional controls as detailed below.
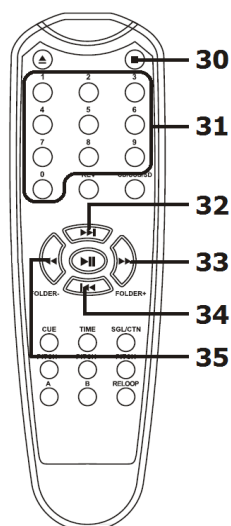
30. Stop   Press to stop playback of current track
31. Direct access   Number keys 0 to 9 for direct track number selection
32. Next track   Forwards track search. Hold for speed search
33. Next folder   Forwards folder search
34. Previous track   Backwards track search. Hold for speed search
35. Previous folder   Backwards folder search

Display
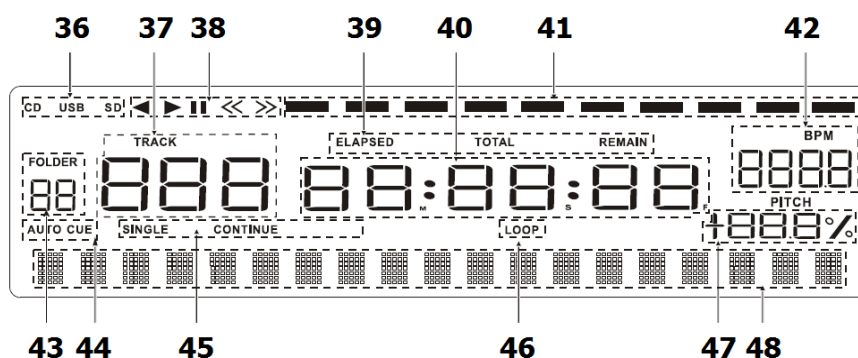
36.	CD - USB - SD	Current selected audio source
37.	Track number	Current selected track or total number of tracks when first loaded
38.	Play - Pause - Skip	Current play status (play, pause, forward or reverse symbol)
39.	Elapsed - Total - Remain	Time display status (elapsed, total elapsed or remaining time)
40.	Time	Minutes, seconds and hundredths display
41.	Progress	Bar graph display showing track progress - flashes 30s before end
42.	BPM	Beats per minute display
43.	Folder	Current selected folder or total number of folders when first loaded
44.	Cue	Indicates when track is at cue point & flashes when cue point is set
45.	Single - Continue	Single track play or continuous folder play
46.	Loop	Indicates when loop is active
47.	Pitch	Displays percentage of playback speed when pitch change is active
48.	ID3 display	Track name (scrolling) display

Operation

Connect the fig.8 inlet (28) to a mains supply using the mains lead supplied and connect the audio output (29) to the mixer, recorder or amplifier being used. Press in the power button (1) to power up the unit.

To play a CD, press the "Open/Close" button (13) and a drawer will eject from the front panel. Carefully place the CD with print-side-up onto the drawer and press "Open/Close" again to load.

When loaded, if CD is not selected, press Source select (4) until "CD" is displayed as the source. Disc information will be displayed. Standard CD audio or compressed digital audio can be played. Press Play/Pause to initiate playback.

To play compressed audio files from a USB memory device or SD card, insert the media into the relevant connector on the front panel (11, 12) and press Source select to choose the relevant media.

Press Play/Pause to initiate playback and use further controls as detailed in the panel layouts above.

The CDUSB-2 can be operated either by front panel controls or the supplied handheld IR remote control. Before use, insert the 2 x AAA batteries into the remote control, observing the correct polarity as indicated inside the rear compartment.

When not in use for long periods, disconnect the CDUSB-2 from the mains supply.

Specifications

Power supply	100-240Vac, 50/60Hz (fig 8)
Power consumption	25W max
Anti-shock	20 seconds
Pitch bend	Up to ±16%
USB input	v.2.0 320GB max (500GB max self-powered)
SD card slot	SD cards up to 8GB
Output connection	L+R RCA
Frequency response	20Hz - 20kHz (±2dB)
SNR	>90dB
THD	<0.1%
Channel separation	81dB
Output level	1.1Vrms @10k Ohms
Output impedance	1k Ohms
Remote : Battery	2 x AAA (supplied)
Dimensions	482 x 260 x 94mm
Weight	3.35kg

Troubleshooting

No power & no indicators lighting	Ensure that mains is connected properly and supply voltage is correct for the unit.
	Check power switch, switch at mains outlet and mains plug fuse.
	Check rear panel fuse. If continually blowing, refer to qualified service personnel
Power is on but no playback	Check that CD has CD audio or standard compressed digital audio files on it
	Check that USB or SD media have standard compressed digital audio files on them
Playback is indicated but no audio output	Check rear panel audio connections and attached equipment
	Check that CD or USB/SD media have playable audio files stored on them
No pitch control	Ensure that the Pitch button is switched on when using the pitch slider
Continuous looping	Check that Reloop is not active and press Out to exit if necessary
No response from remote control	Check 2 x AAA batteries in rear of handset and replace if necessary
	Make sure handset is pointed in line of sight to the IR receiver on the front panel

Errors and omissions excepted.
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