



DS-600

ORDERCODE D1125



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from DAP Audio.

The DAP Audio DS-600 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated show, this product provides the effect you need.

You can rely on DAP Audio, for more excellent audio products.

We design and manufacture professional audio equipment for the entertainment industry.

New products are being launched regularly. We work hard to keep you, our customer, satisfied.

For more information: iwant@dap-audio.info

You can get some of the best quality, best priced products on the market from DAP Audio.

So next time, turn to DAP Audio for more great audio equipment.

Always get the best -- with DAP Audio !

Thank you!



Dap Audio

Dap Audio DS-600™ Product Guide

Warning	2
Safety-instructions.....	2
Operating Determinations.....	3
Description	4
Features and Overview	4
Frontside.....	4
Backside.....	4
Installation	5
Set Up and Operation	5
Functions	6
Operations	7
Opening and closing of the disc holder.....	7
Loading CD's.....	7
Selecting Tracks.....	7
Starting Playback.....	7
Stop Playback.....	7
Pausing.....	8
Setting a Cue Point.....	8
Cueing.....	8
Time Display.....	8
Changing Pitch of the song.....	8
Program Play.....	8
Repeat.....	8
Before switching off the power	9
CD's.....	9
Precaution on storage.....	9
Maintenance	9
Troubleshooting	9
Product Specifications	10

WARNING

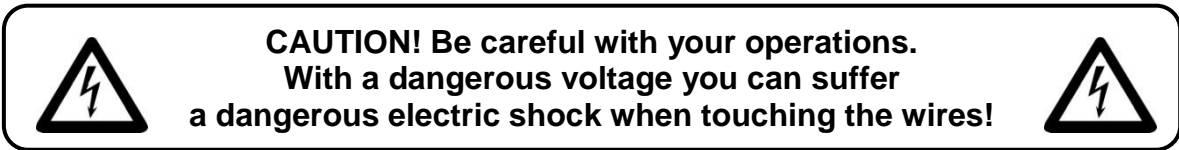


**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this system has to:

- be qualified
- follow the instructions of this manual



Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

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

- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this system to a dimmerpack.
- Do not switch the system on and off in short intervals, as this would reduce the system's life.
- Do not open the device and do not modify the device.
- Only use system indoor, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- Always disconnect power from the mains, when system is not used. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure you don't use the wrong kind of cables or defective cables.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power-cord is never crimped or damaged. Check the system and the power-cord from time to time.
- Please turn off the power switch, when changing the power cord or signal cable, or select the input mode switch.

- Extreme frequency boosts in connection with a high input signal level may lead to overdriving your equipment. Should this occur, it is necessary to reduce the input signal level by using the INPUT control.
- To emphasize a frequency range, you don't necessarily have to move its respective sliding control upward; try lowering surrounding frequency ranges instead. This way, you avoid causing the next piece of equipment in your sound path to overdrive. You also preserve valuable dynamic reserve ("headroom")
- Avoid ground loops! Always be sure to connect the power amps and the mixing console to the same electrical circuit to ensure the same phase!
- If system is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the system has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your system. Leave the system switched off until it has reached room temperature.
- If your Dap Audio device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Dap Audio dealer for service.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- For replacement use fuses of same type and rating only.
- WARRANTY: Till one year after date of purchase.

OPERATING DETERMINATIONS

This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.

The maximum ambient temperature $t_a = 45^\circ\text{C}$ must never be exceeded.

The relative humidity must not exceed 50 % with an ambient temperature of 45°C .

If this device is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.


Any other operation may lead to dangers like short-circuit, burns, electric shock, lamp explosion, crash etc.

You endanger your own safety and the safety of others!

Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	FASE
N	BLUE	BLACK	SILVER	NUL
	YELLOW/GREEN	GREEN	GREEN	EARTH

Make sure that the device is always connected properly to the earth!

Improper installation can cause serious damage to people and property !!

Description of the device

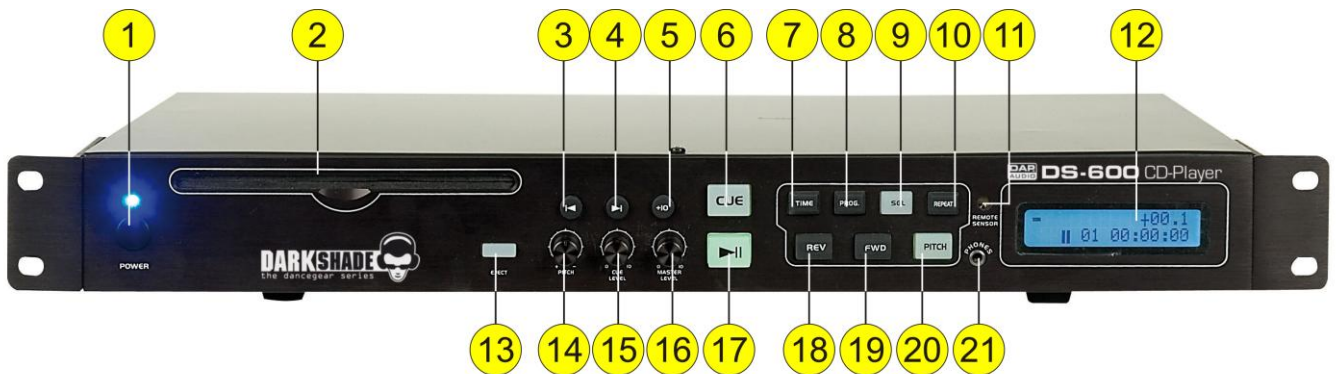
Features

The DS-600 is a CD-Player from DAP Audio.

- LCD Display with blue backlight
- Full function infrared remote control
- Pitch control
- Anti shock system (20 seconds)
- Play modes: Single, Continue, Program, Repeat.
- Stereo output RCA
- Slot loading running gear

Overview

Frontside



Backside

- | | |
|--------------------------------------|----------------------|
| 1) POWER ON / OFF | 14) Pitch Level |
| 2) DISC HOLDER | 15) Cue Level |
| 3) B.SKIP ◀◀ | 16) Master Level |
| 4) F.SKIP ▶▶ | 17) PLAY/PAUSE ▶/ |
| 5) 10 (Track+10 Button) | 18) REV |
| 6) CUE | 19) FWD |
| 7) TIME | 20) PITCH-Button |
| 8) PROG | 21) Phones |
| 9) SEL | 22) Line Out L / R |
| 10) Repeat | 23) Rec Out L / R |
| 11) Remote sensor | 24) 115V/230V Switch |
| 12) LCD (Liquid Crystal Display) | 25) Fuse |
| 13) OPEN/CLOSE ▲ (Open/Close Button) | 26) AC Powercable |

Installation

DS-600 Installation

Remove all packing materials from the CD Player. Check that all foam and plastic padding is removed. Screw the CD player in a 19" Rack. Connect all cables.

**Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.**

Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. The power supply is printed on the back of the device.

Do not attempt to operate a 120V specification product on 230V power, or vice versa.

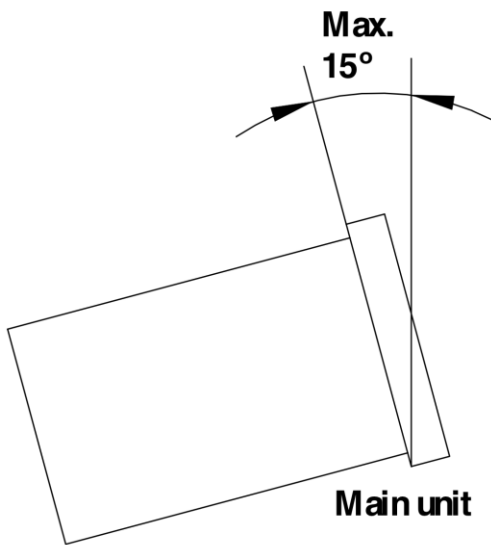


Fig. 1

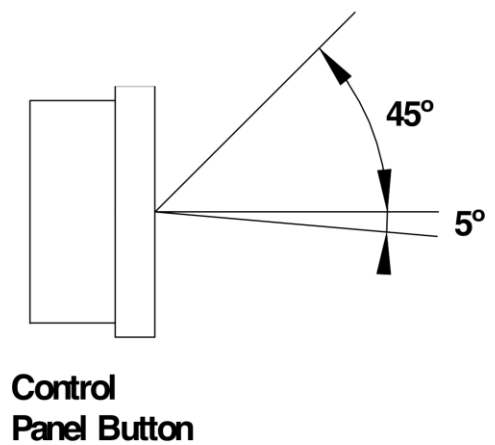


Fig. 2

CAUTION: The player will work normally when the unit is mounted with the front panel at 15 degrees of the vertical plane. If the unit is tilted excessively, discs may not be loaded or unloaded properly. (Fig. 1) The control panel's LCD's are designed to be clearly visible within the angles (Fig. 2). Mount the control unit so that the visual angle is within the range.

Connections

1. Turn off the POWER switch.
2. Connect the RCA cable to the input of your mixer.
3. Connect the control cords to the Main unit connectors and controllers.

CAUTION:

Be sure to use the supplied control cords. Using another type of cable may result in damage. Be sure that the power is off, when connecting the cables.

Functions

NAMES AND FUNCTIONS

Below is a description of the functions of the controls.

- 1) POWER (Power ON/OFF-Switch): When the POWER-switch is pressed the POWER turns on.
- 2) Disc Holder: Place the disc in the holder. Press the OPEN/CLOSE-button to open and close the disc holder.
- 3) B. SKIP **⏮**: Use this button to go back to the beginning of the current track or select a previous track for playing.
- 4) F.SKIP **⏭**: Use this button to skip to the next track.
- 5) +10 (Track + 10 Button): Use the button to skip ahead 10 tracks.
- 6) CUE (Cue-Button): Press the CUE button during playback to return to the position at which the CUE-point is made.
- 7) TIME (Time button): Press this button to switch the TIME-Display between the elapsed time and remaining time. The selected mode is indicated by the ELAPSED, REMAIN and TOTAL REMAIN indicator on the LCD.
- 8) PROGRAM (Program-button): Press the Program-Button, the player will enter the program mode and stop the CD playback.
 - You can program a maximum of 20 tracks.
 - Use the skip buttons to choose the track you want to listen to, then press the PROG button to enter your choice.
 - Repeat this operation to select all the tracks you want to listen to.
- 9) SEL (CONT. / SINGLE BUTTON)
Press this button to switch between the SINGLE and CONTINUOUS play mode.
The selected mode is indicated on the LCD. In SINGLE mode, the unit stops the reading after each track. In CONTINUOUS mode, the unit reads all tracks and then stops.
- 10) REPEAT: Use this button to repeat one track or all tracks of the CD.
- 11) REMOTE SENSOR: This sensor receives the information of the remote control. Don't place any object or sticker in front of the sensor.
- 12) LCD
- 13) OPEN/CLOSE **▲** (Open/Close-button): Press this button to open and close the disc holder.
The disc holder cannot be opened during playback, so stop playback before pressing the button.
- 14) PITCH Level control : If you push the Pitch button (**20**), you can adjust the pitch with this pitch control and the CD speed changes.
- 15) CUE LEVEL CONTROL: Adjust the Cue volume.
- 16) MASTER LEVEL: Adjust the master level output.
- 17) PLAY/PAUSE-button: Use this button to start playback. Press once to start playback, twice to set the pause mode, and thrice to resume playback.
- 18) REV BUTTON: Press this button to play the CD fast backwards. Each time when this button is pressed, the fast backward speed will change a level. Finally it will return to the normal playback speed.
- 19) FWD BUTTON: Press this button to play the CD fast forward. Each time when this button is pressed, the fast forward speed will change a level. Finally it will return to the normal playback speed.
- 20) PITCH BUTTON: If you push this button, you can adjust adjustment the pitch with the Pitch Level control (**14**).
- 21) Phones: Use to connect for audio monitoring with phones.
- 22) LINE OUT: The audio for each CD player is an output for these jacks. Connect to the line input of the mixer.
- 23) REC OUT: Unbalanced RCA connectors controlled by the master fader.
- 24) POWER SUPPLY SWITCH 115V/230V: Use this switch to choose the desired voltage.
- 25) Fuse
- 26) AC CORD: Use this cable to connect the AC mains power to the unit.

Operations

1. Opening and closing of the disc holder

- Turn the unit's power on. Press the OPEN/CLOSE-button to open the disc holder.
- The disc holder cannot be opened during playback, to prevent playback from being interrupted if the OPEN/CLOSE button is pressed accidentally. Stop the playback first, then press the OPEN/CLOSE button.

2. Loading CD's

- Hold the disc by the edges and place it in the disc holder, then press the OPEN/CLOSE button to close the holder. The unit will show the total track number and the total playing time for about 2 seconds and then enter the cue condition. The cue point will be set to the music's starting point of the first track automatically.

CAUTION:

- Do not place any foreign objects in the disc holder and do not place more than one disc in the disc holder at a time.
- Do not push the disc holder in manually when the power is off, as this may result in malfunction and damages the player.

3. Selecting Tracks

- Press the SKIP-button to move to a higher or lower track.
- Hold the SKIP button to change tracks continuously at a higher speed.
- When a new track is selected during playback, playback begins as soon as the skip search operation is completed.
- If the Skip-button **▶▶** is pressed while at the last track, the first track is selected. In the same way, If the Skip- button **◀◀** is pressed while at the first track, the last track is selected.

4. Starting Playback

- Press the PLAY/PAUSE button during the pause or cue condition to start playback, the PLAY indicator lights.
- The point at which playback starts is automatically stored in the memory as the cue point. The CD player then returns to the cue point when the CUE button is pressed.

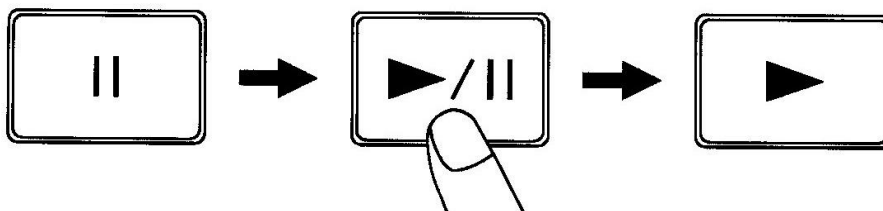


Fig. 3

5. Stop Playback

There are two ways to stop playback:

- 1). Press the PLAY/PAUSE button during playback to pause at that point.
- 2). Press the CUE button during playback to return to the cue point and enter pause condition.

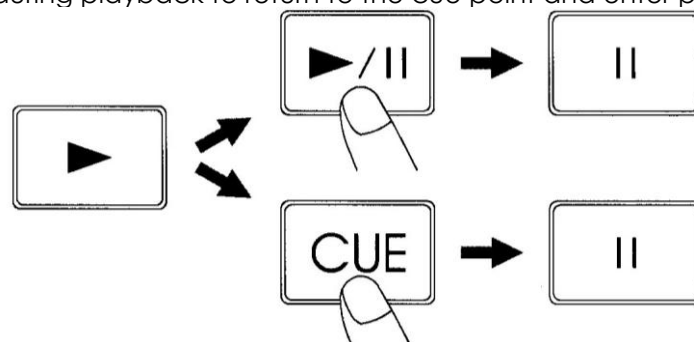


Fig. 4

6. Pausing

- Press the PLAY/PAUSE button to switch between play and pause.
- The play indicator flashes when the pause mode is set.
- Playback resumes when the PLAY/PAUSE button is pressed again.

7. Setting a Cue Point

- Press the PLAY/PAUSE button to switch between play and pause.
- The play indicator flashes when the pause mode is set.
- Turn the Shuttle wheel to go to your desired CUE point.
- Press the PLAY/PAUSE button again and your CUE point has been stored and the CD will continue.

8. Cueing

- "Cueing" is the action of preparing for playback.
- Press CUE button, the player will enter CUE-Mode, the playback returns to cue point and enter pause condition, the CUE indicator lights up and the PLAY indicator flashes. When PLAY/PAUSE button is pressed, play starts from the cue point.
- When the track search operation is completed after pressing the SKIP buttons, the player automatically finds the position at which the sound starts and cues there (Auto Cue).
- If the CUE button is pressed after the search operation or the scanning operation, the playback returns to the cue point and enters pause condition.

NOTE: During cue mode, if the CUE button is pressed and hold, playback will start from the cue point, when the button is released, the player will return to the cue mode automatically, it allows you to check the cue point.

9. Time Display

Press TIME button to select time display mode:

1. Elapsed time of a track (ELAPSED).
2. Remaining time of a track (REMAIN).
3. Remaining time of the disc (TOTAL REMAIN).

10. Changing Pitch of the song

Use the pitch level control (14) slider to adjust the BPM.

11. Program Play

1. Press the PROGRAM button, the player will enter the program mode and the CD will stop rotating.
2. Select the desired track by pressing the SKIP button, then press the PROGRAM button again. The selected track will be added to the program sequence.
3. Repeat step 2. A maximum of 20 tracks can be programmed.
4. Press the PLAY/PAUSE button to start the program play from the first selection.
5. Press the program button again during program play to stop playing.
6. Press and hold the program button more than 2 seconds to cancel the program mode and erase all the current program contents.

12. Repeat

1. Press the Repeat-button once to repeat the current track.
2. Press the button again to repeat the whole disc.
3. Press the button a third time, to exit the Repeat Mode.

Before switching off the power

When you have finished using the CD player, before switching off the power, be sure that the disc holder has been closed with the OPEN/CLOSE button.

CAUTION: Do not forcibly close the disc holder when the power is off.
Do not switch off the power, when the disc holder is open.
Switch off the power after the disc holder has been closed with the OPEN/CLOSE button.

CD's

1. Precautions on handling compact discs

- Do not allow fingerprints, oil or dust to get on the surface of the disc. If the disc is dirty, wipe it off with a soft dry cloth.
- Do not use thinner, water, record spray, electrostatic-proof chemicals, or silicone-treated cloths to clean discs.
- Always handle discs carefully to prevent damaging the surface; in particular when removing a disc from its case or returning it.
- Do not bend the disc.
- Do not put the CD near heating sources.
- Do not enlarge the hole in the center of the disc.
- Do not write on the label (printed side) with a hard-tipped implement such as a pencil or ball point pen.
- Condensation will form if a disc is brought into a warm area from a colder one, such as outdoors in winter. Do not attempt to dry the disc with a hair dryer, etc.

2. Precaution on storage

- After playing a disc, always unload it from the player.
- Always store the disc in the jewel case to protect from dirt or damage.
- Do not place discs in the following areas:
 1. Areas exposed to face sunlight for a considerable time.
 2. Areas subject to accumulation of dust or high humidity.
 3. Areas that are affected by heat from indoor heaters, etc.

Maintenance

The DAP Audio-CD-Player DS-600 requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

DAP Audio-CD-Player DS-600

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check power from the wall, all cables, connections, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If nothing happens after 30 seconds, unplug the device.
5. Return the device to your DAP Audio dealer.

Product Specification

Model: Dap Audio DS-600
Power: 115-230V-50/60Hz (CE)
LCD Display with blue backlight
Full function infrared remote control
Pitch control
Anti shock system (20 seconds)
Play modes: Single, Continue, Program, Repeat.
Stereo output RCA
Slot loading running gear
Frequency response: 20 Hz - 20 kHz
S/N Ratio: 80 dB
Total Harmonic distortion: 0,1%
Dimensions: 482x255x50 mm (LxWxH)

Design and product specifications are subject to change without prior notice.



Website: www.Dap-Audio.info
Email: service@highlite.nl



© 2008 DapAudio.