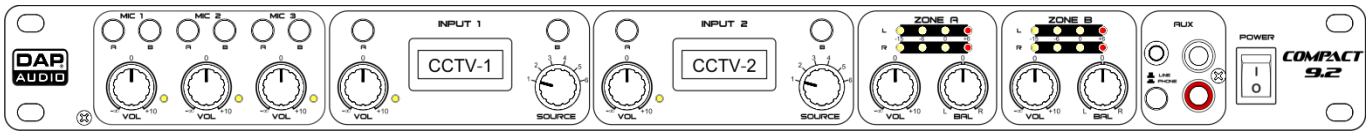
MANUAL



ENGLISH

Compact 9.2 V1

Ordercode: D2322

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Warning

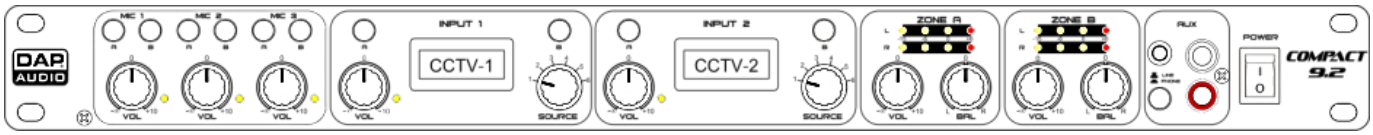
For your own safety, please read this user manual carefully before your initial start-up!

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- DAP Audio Compact 9.2
- Power adapter 2 x 15V AC, 350 mA
- User manual



CAUTION!
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

Safety Instructions

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

- be qualified
- follow the instructions of this manual

CAUTION! Be careful with your operations.
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!

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.
- Do not drive the inputs with a signal level higher than required to drive the equipment to full output.
- Do not plug mics into the console (or stage box) while Phantom Power is on. Also mute the monitor / PA system, when turning Phantom Power on or off. Allow the system to adjust for a couple of seconds, before setting the input gains.
- Only use system indoors, 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.
- Always operate the unit with the AC ground wire connected to the electrical system ground.
- Make sure you do not use the wrong kind of cables or defective cables.
- Make sure that the signals into the mixer are balanced, otherwise hum could be created.
- Make sure you use DI boxes to balance unbalanced signals; All incoming signals should be clear.
- 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 do not necessarily have to move its respective control upwards; 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 system is not designed for permanent operation. Consistent operation breaks will ensure that the system will serve you for a long time without defects.
- If this system 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, etc.

You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property!

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	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
⏚	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

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

Improper installation can cause serious damage to people and property!

⚠ Return Procedure ⚠

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:
1) Your name
2) Your address
3) Your phone number
4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any short-comings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.
It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.
Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.
Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.
Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

9 Channel 1U, 2 zones mixer

The Compact 9.2 1U installation mixer combines maximum audio possibilities and is suitable for pubs, schools and other public areas, without sacrificing the ease of use. The user can adjust 3 microphone levels and 2 line levels. Both line levels have 6 selectable input sources. On each input line, it is possible to select a pre-programmed label, which is shown on the displays. The Compact 9.2 has 2 individual zones. This facilitates selecting the desired source for the desired area. All gain, EQ, phantom power and technical settings are on the back side. Only volume and source selection are available on the front panel. The front panel is equipped with a special input, if you prefer to connect the device instantly (line/phone mode). The phone mode adjusts the input sensitivity to the value which is correct for MP3 players, smartphones or tablets. Now you can directly playback your MP3 devices, without signal loss. The Compact 9.2 is a perfect solution for situations when non-technical users need to operate professional audio systems.

- Channel display
- Gain settings at the rear panel
- Main EQ settings at the rear panel
- Front input for phone/mp3 devices
- Ideal for non-technical users

Frontside

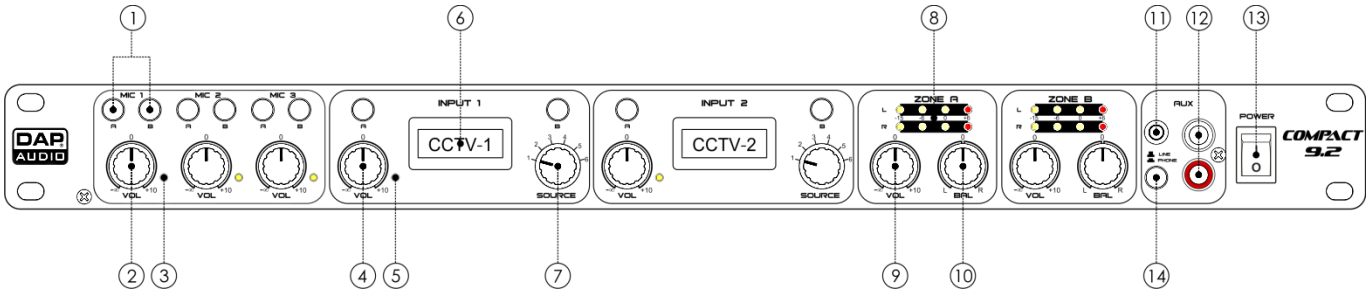


Fig. 01

1. **Zone select button (Mic 1–3)**
   Turn these 2 switches to assign the channel to the zone A or B.
2. **Mic Volume control (Mic 1–3)**
   Turn the control to set the volume of the corresponding microphone channel.
3. **Peak LED (Mic 1–3)**
   The peak LED shows signal peaks in a channel's incoming signal. If the red peak LED frequently blinks or constantly lights up, the corresponding channel is likely to enter clipping. Make sure that the peak LED lights up only briefly, during dynamic peaks.
4. **Level control (Input 1–2)**
   Controls the volume of the corresponding input (1–2) channel.
5. **Peak LED (Input 1–2)**
   The peak LED shows signal peaks in a channel's incoming signal. If the red peak LED frequently blinks or constantly lights up, the corresponding channel is likely to enter clipping. Make sure that the peak LED lights up only briefly, during dynamic peaks.
6. **Input display**
   Turn the corresponding **display select (20)** switch to display the text you have assigned to the display.
7. **Input source switch**
   Assign five sets of **line (21-25)** inputs or the **aux (11-12)** input to the according channel.

⑧ **Output VU-meter (Zone A–B)**
This meter is a multi-step LED. The level indication allows you to monitor the output signal level and make it match the other devices.

⑨ **Master control (zone A-B)**
Turn the control to adjust the output signal to the **master zone A-B (17-18)** outputs.

⑩ **Balance control (zone A-B)**
By turning the bal(ance) control, you can adjust the balance between the left and the right channel. If you use a mono source (input left mono), then the control works as a pan(orama) control and allows you to change the input signal's position within the stereo image.

⑪ **Aux in unbalanced mini jack input connector**
Unbalanced stereo mini jack aux input for connecting a line/phone level device.

⑫ **Aux in unbalanced RCA input connectors**
Unbalanced stereo RCA aux input for connecting a line/phone level device.

Note: When connecting signal sources, please make sure that the corresponding channel faders and the master faders are set to minimum. Otherwise unpleasant plug-in noise can occur.

⑬ **Power switch ON/OFF**
Do not supply power before the whole system is set up and connected properly.

⑭ **Phone/line button**
Press this button to configure both **aux (11,12)** inputs for either line level or phone level. When the input level is too low, press the line/phone level switch. When the light is on, the level of the input signal will be boosted. The phone level adjusts the input sensitivity to the correct level for MP3 players, smartphones or tablets. Now you can playback your MP3 devices directly without signal loss.

Backside

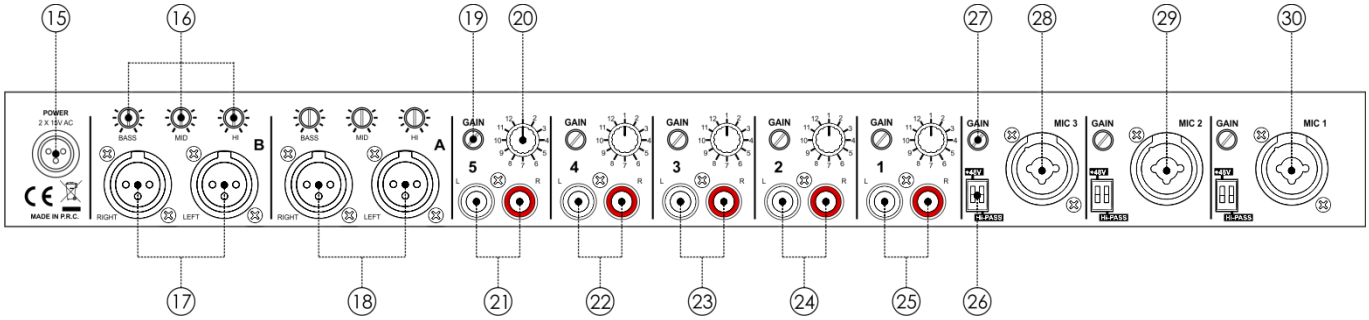


Fig. 02

⑮ **Power adapter connector**
The remote AC power supply. Use only the supplied DAP Audio adapter.

⑯ **Equalizer Section**
The microphone channel's equalizer section allows to shape the incoming audio signal. The high and low shelving controls have their frequencies fixed at 12kHz and 80Hz, respectively. The mid-range control has a peaking response frequency at 2,5kHz. All 3 bands have up to 6dB of cut and boost, with a center detent for off. Turning an equalizer control to the right amplifies the frequency range, turning to the left attenuates the signal. Minor changes to the equalizer control usually produce the best results. Try to avoid excessive enhancement of the mid band.

⑰ **Master B XLR balanced out connector**
Connect an amplifier with balanced inputs.

⑱ **Master A XLR balanced out connector**
Connect an amplifier with balanced inputs.

⑲ **Channel gain control (all RCA inputs)**
Channel input levels are determined by their corresponding gain controls. With the gain control you can adjust the line input sensitivity, while optimally matching the incoming signals to the mixer's internal operation level. The high gain of this mixer is ideal when dealing with very low input levels.

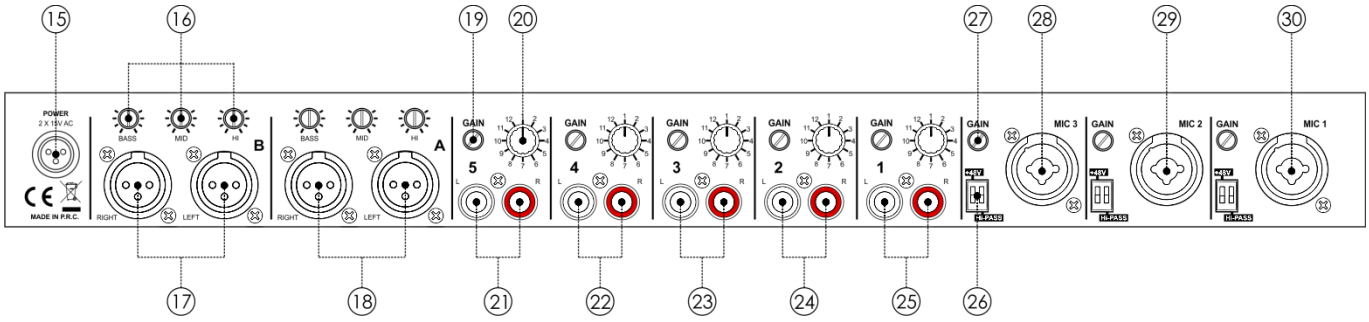


Fig. 03

20 **Display select switch (all RCA inputs)**
This switch allows you to set up a text for each RCA input. If the input is selected, the text will be displayed on the **input display (06)**. Assign the following text: CD 1, CD 2, TUNER, DVD, TV/SAT, BEAMER, PC1, PC2, DJ, AREA 2, AUX 1, AUX 2.

21 **Channel 5 line input connectors**
RCA inputs. Connect a line level device.

22 **Channel 4 line input connectors**
RCA inputs. Connect a line level device.

23 **Channel 3 line input connectors**
RCA inputs. Connect a line level device.

24 **Channel 2 line input connectors**
RCA inputs. Connect a line level device.

25 **Channel 1 line input connectors**
RCA inputs. Connect a line level device.

26 **DIP Switch (Phantom power on/off / Hi-Pass 80Hz on/off)**
Left switch (Phantom power ON/OFF), right switch (Hi-Pass filter ON/OFF).

27 **Mic gain control (all MIC inputs)**
The microphone input level is determined by the gain control. Turn the gain control to adjust the microphone input-sensitivity for an optimal match with the mixer's internal operation level.

28 **Mic 3 combo input connector**
Electronically balanced combo-type input for connecting low impedance microphones. The input has extremely low noise and hum. When connecting a microphone, make sure that the pin assignment is correct. Always make sure to read the manual of the microphone you want to connect.

29 **Mic 2 combo input connector**
Electronically balanced combo-type input for connecting low impedance microphones. The input has extremely low noise and hum. When connecting a microphone make sure that the pin assignment is correct. Always make sure to read the manual of the microphone you want to connect.

30 **Mic 1 combo input connector**
Electronically balanced combo-type input for connecting low impedance microphones. The input has extremely low noise and hum. When connecting a microphone make sure that the pin assignment is correct. Always make sure to read the manual of the microphone you want to connect.

Installation

Remove all packing materials from the Compact 9.2. Check that all foam and plastic padding is removed. Connect all cables.

Do not supply power before the whole system is set up and connected properly.
Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.

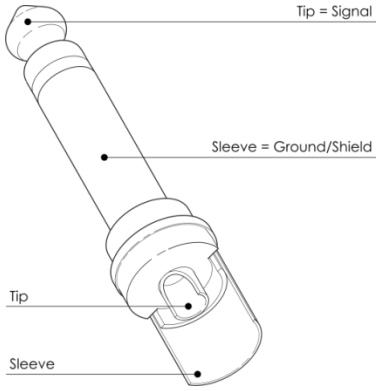
Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.
Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 115V specification product on 230V power, or vice versa.

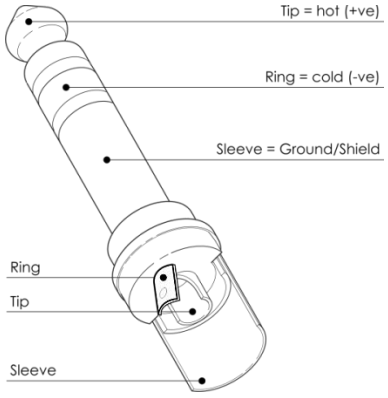
Connection Cables

Take care of your cables, always holding them by the connectors and avoiding knots and twists when coiling them: This gives the advantage of increasing their life and reliability. Periodically check your cables. A great number of problems (faulty contacts, ground hum, discharges, etc.) are caused entirely by using unsuitable or faulty cables.

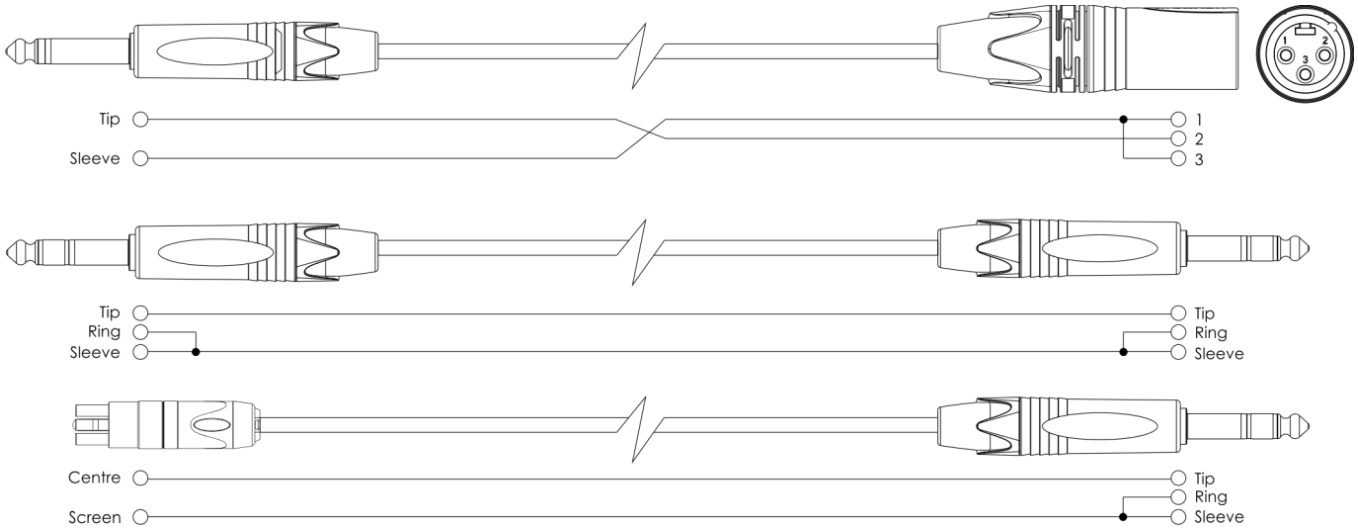
Unbalanced



Balanced



For these applications the unit provides 1/4" TRS and XLR connectors to easily interface with most professional audio devices. Follow the configuration examples below for your particular connection.



Connection Example

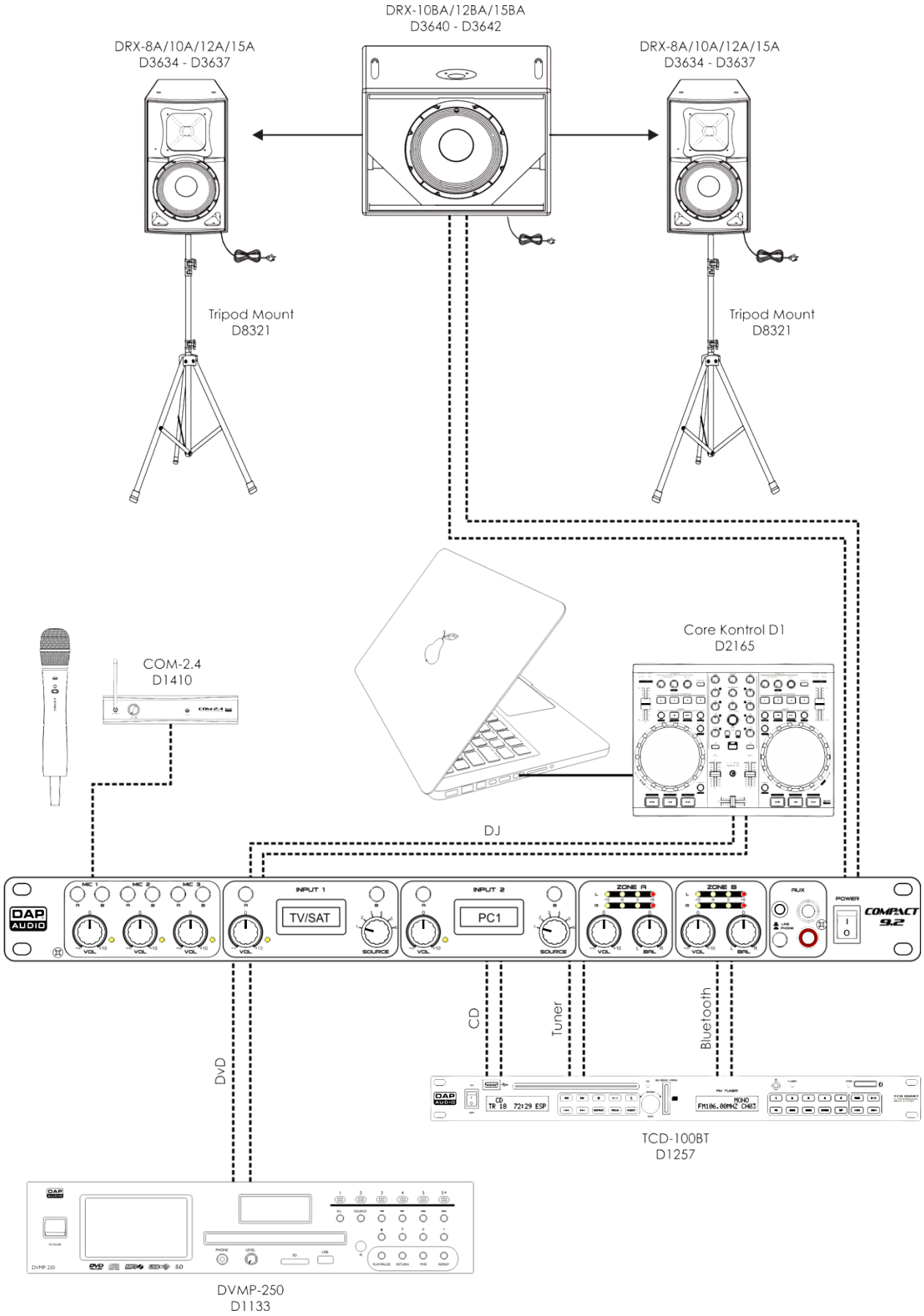


Fig. 04

Maintenance

The DAP Audio Compact 9.2 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 audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

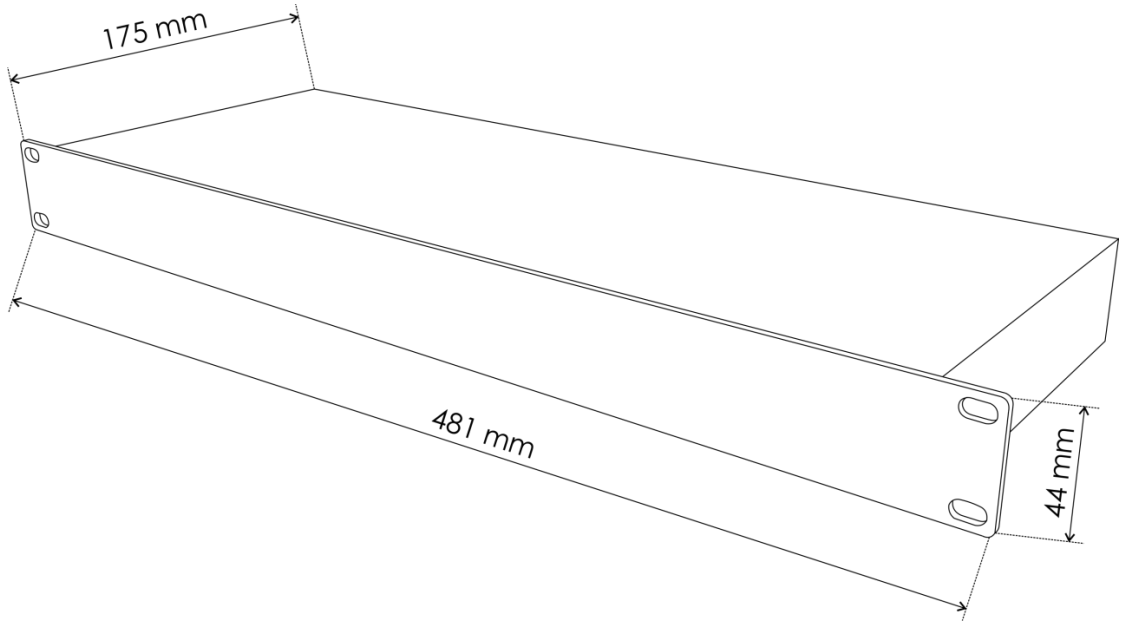
Troubleshooting

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.

01) If the device does not operate properly, unplug the device.
02) Check power from the wall, all cables, connections, etc.
03) If all of the above appears to be O.K., plug the unit in again.
04) If nothing happens after 30 seconds, unplug the device.
05) Return the device to your DAP Audio dealer.

Product Specifications

Power supply:	2 x 18V AC, 50Hz (adapter included)
Power consumption:	6W
Input channels:	3 x Microphone, combo XLR/jack 6 x Line, RCA 1 x Phone, 3,5 mm jack
Output channels:	2 x Master Balanced, XLR
Master EQ:	80Hz, 2,5kHz, 12kHz, -6dB / +6dB
Frequency response:	20Hz – 20kHz
T.H.D.:	<0.01%
Dimensions:	481 x 175 x 44 mm (LxWxH)
Weight:	2,2 kg



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

CE

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