



# MPXA-80

ORDERCODE D6130



**SHOWELECTRONICS FOR PROFESSIONALS**

## **Congratulations!**

You have bought a great, innovative product from DAP Audio.  
The DAP Audio MPXA-80 bring 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.

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

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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 MXPA-80 Installation mixer
- Separate 19" sideflaps
- IEC cable (1,75m)
- Room antenna
- User manual

## **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](mailto: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 shortcomings 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.

## WARNING



### CAUTION!

**Keep this system away from rain and moisture!**



## 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 bigger, than required to drive the equipment to full output.
- Do not plug Mics into the console (or stagebox) 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 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.
- Always operate the unit with the AC ground wire connected to the electrical system ground.
- Make sure you don't 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 don't necessarily have to move its respective 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 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 (including UK) From April 2004	North America	Pin
L	Brown	Black	Phase
N	Blue	White	Neutral
	Green/Yellow	Green	Protective Earth

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

# Description of the device

## Features

The MXPA-80 is a professional high power Public Adress Amplifier:

- Built in tuner and CD/USB player module
- 4 balanced inputs for Mic/ line
- Bass/ treble tone control
- Pre out/ Amp in for connecting external processors to your sound system
- Tape out for recording
- LED output level meter
- Telephone paging function, Phoenix type terminal block input type
- Low impedance 4Ω, 8Ω and high impedance 70V/ 100V output
- Output power: 80W(RMS)
- Selectable input types: COMBO (TRS & XLR) and terminal type
- Switchable input functions:
  - MIC/Line input sensitivity
  - Phase
  - High-pass filter
  - 24V phantom power
- 19" Rack 2HE mountable (separate sideflaps included)

## Frontpanel



Fig. 1

- 1. Input 1 level**  
Use to adjust the input volume level for input 1.
- 2. Input 2 level**  
Use to adjust the input volume level for input 2.
- 3. Input 3 level**  
Use to adjust the input volume level for input 3.
- 4. Input 4 level**  
Use to adjust the input volume level for input 4.
- 5. Bass**  
Use to adjust the Bass frequencies for each channel to your preference.
- 6. Treble**  
Use to adjust the treble frequencies for each channel to your preference.
- 7. Master**  
Use to adjust the volume level for each channel to your preference.
- 8. USB/ CD-player**  
See page 9.
- 9. Output level meter**
- 10. Chime button**  
Activates the Chime circuit. If pressed in, the chime can be started by using the priority contact at the backside (15). At the same time all inputs except input 1 will be muted.
- 11. Siren button**  
Pressing this button will start the siren.

## 12. Tuner

See page 8.

## 13. AC Power Switch

This is the main Power switch. Press to turn the amplifier on.

## Backpanel

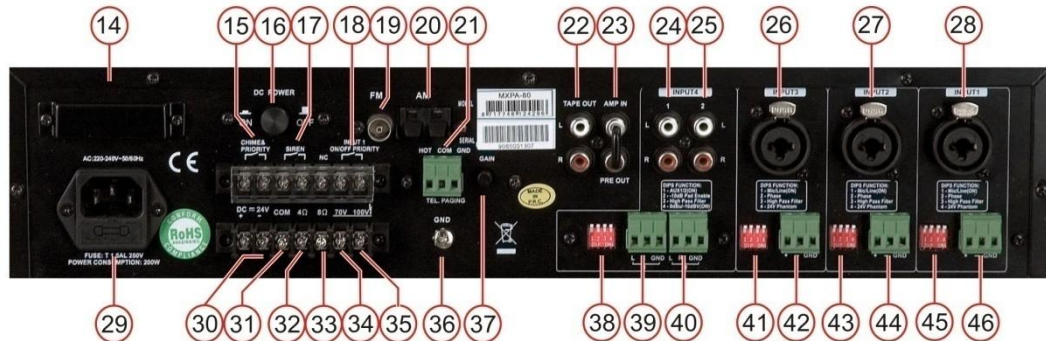


Fig. 2

### 14. AC-selector

Before connecting your MPXA-80 to the mains, make sure the AC-selector is set to the proper voltage used in your country. If you're not sure, consult a skilled technician.

### 15. Priority remote terminal

Use this terminal for connecting a remote switch or relay contact. Closing this contact will mute all inputs except input 1. If the chime button (10) is pressed, a chime signal will be put out.

### 16. DC power

### 17. Siren remote terminal

Use this terminal for connecting a remote switch or relay contact. Closing the switch will activate the siren, independent of the siren front switch (11).

### 18. Input 1 priority terminal

Bridge the 2 terminal contact with a wire to disable the input 1 voice priority/ VOX function.

### 21. Telephone terminal

Use this terminal to connect a telephone set for broadcasting emergency messages.

### 23. Power amp in/ Pre amp out

Mono RCA in/ out. Use this input if You want to use an external preamp or power amplifier.

### 26. Combo input 3

Combo input for channel 3. Accepts balanced or unbalanced inputs.

### 27. Combo input 2

Combo input for channel 2. Accepts balanced or unbalanced inputs.

### 28. Combo input 1

Combo input for channel 1. Accepts balanced or unbalanced inputs.

### 29. AC Inlet with integrated fuse holder

This connector is meant for the connection of the supplied main cord. Connect one end of the power cord to the connector, the other end to the mains, then turn on the power switch (13) to operate the unit.

**Note:** Please make sure that the supply voltage matches the operation voltage before connecting the unit to mains.

Replace the fuse only with a fuse of same specification (230V:T1.5A/ 115V: 3A).

### 30. DC 24V terminal

DC 24V input (battery)

### 31. Common speaker terminal

Connect this terminal with the – terminal of your low speaker(s).

### 32. 4 $\Omega$ terminal

Connect this terminal to the + terminal of your 4  $\Omega$  speaker(s). In case of using several speakers **make sure that the total speaker load is 4  $\Omega$ . The total power rating for each channel of the low impedance speakers should be at least 80W.**



**33. 8  $\Omega$  terminal**

Connect this terminal to the + terminal of your 8  $\Omega$  speaker(s). In case of using several speakers **make sure that the total speaker load is 8  $\Omega$ . The total power rating for each channel of the low impedance speakers should be at least 80W.**

**34. 70V terminal**

Connect this terminal to the + terminal of your 70V speaker(s). In case of using several speakers make sure all speakers are wired in parallel. **The total power rating of the 70V-speakers for each channel should never exceed 80W.**

**35. 100V terminal**

Connect this terminal to the + terminal of your 100V speaker(s). In case of using several speakers make sure all speakers are wired in parallel. **The total power rating of the 100V-speakers for each channel should never exceed 80W.**

**36. GND Screw**

This screw offers a separate ground connection. Can be useful in case of grounding problems.

**37. Gain**

Use to adjust the level of the incoming telephone signal.

**38. Input 4 Impedance/level switch**

Each input can be customized using 4 dipswitches. You can select 4 options. For more details see page 10.

**39. Input 4.1 terminal**

Input 1 for channel 4. Accepts balanced or unbalanced inputs.

**40. Input 4.2 terminal**

Input 2 for channel 4. Accepts balanced or unbalanced inputs.

**41. Input 3 Impedance/level switch**

Each input can be customized using 4 dipswitches. You can select 4 options. For more details see page 10.

**42. Input 3 terminal**

Input for channel 3. Accepts balanced or unbalanced inputs.

**43. Input 2 Impedance/level switch**

Each input can be customized using 4 dipswitches. You can select 4 options. For more details see page 10.

**44. Input 2 terminal**

Input for channel 2. Accepts balanced or unbalanced inputs.

**45. Input 1 Impedance/level switch**

Each input can be customized using 4 dipswitches. You can select 4 options. For more details see page 10.

**46. Input 1 terminal**

Input for channel 1. Accepts balanced or unbalanced inputs.

## Tuner

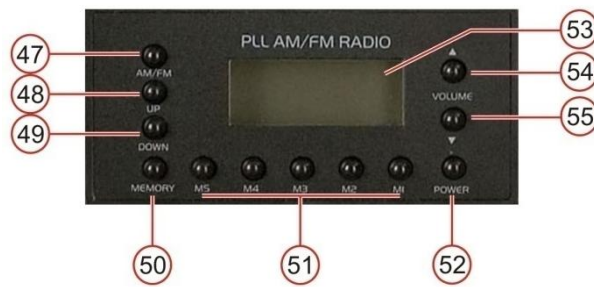


Fig. 3

### 47. AM/FM radio selection button (AM/FM)

Use this button to select the desired band. You can change the band between AM and FM, when you press this button.

### 48. Tuning Up button

Use this button to select the desired station. If the UP button is pressed for longer than 1.5 seconds, the AM frequency automatically increases with 9Khz intervals, while the FM frequency automatically increases with 0.1Mhz intervals, till the radio is tuned in. To Stop the selection manually, press the UP button again during automatically tuning.

### 49. Tuning Down button

Use this button to select the desired station. If the DOWN button is pressed for longer than 1.5 seconds, the AM frequency automatically decreases with 9Khz intervals, while the FM frequency automatically decreases with 0.1Mhz intervals, till the radio is tuned in. To Stop the selection manually, press the DOWN button again during automatically tuning.

### 50. MEMORY button

If the MEMORY button is pressed, then press any of the selection buttons (M1-M5), the frequency shown on the display is stored together with the memory number. Stored data is kept for about one week, even when the power is not supplied.

### 51. Selection button (M1-M5)

Up to 5 AM and 5 FM stations can be stored. Press this button to show the stored station frequency and memory number on the display.

### 52. Power On/Off

Turn the Radio ON/OFF

### 53. Display

This display indicates the receiving frequency and memory number. When the display is dimmed, the radio is switched off.

### 54. Volume Up

Press to increase the output level of the tuner.

### 55. Volume Down

Press to decrease the output level of the tuner.

## CD player

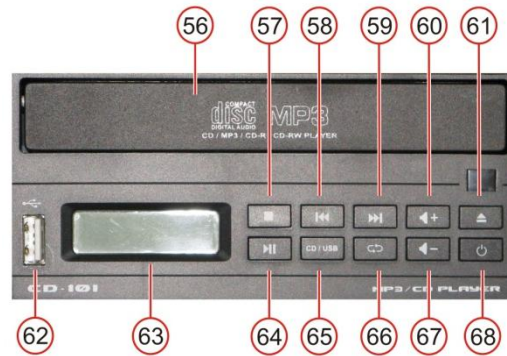


Fig. 4

**56. CD holder**

**57. ■ STOP**

Press this button to stop playback.

**58. ◀◀ B.SKIP/REW**

Use this button for skipping or searching backwards.

**59. ▶▶ F.SKIP/FF**

Use this button for skipping or searching forward.

**60. Volume +**

Press this button to increase the output level of the CD/ USB- player

**61. OPEN/CLOSE**

press this button to open/close the disc holder

**62. USB connector**

**63. Display**

This display shows track number, scan point etc. When the display is dimmed, the CD/ USB player is switched off.

**64. ▶/|| PLAY/PAUSE**

Pressing this button will start playback. Pressing the button again will pause playback.

**65. CD/ USB switch**

Pressing this button lets you select between CD or USB player mode.

**66. ↻ Repeat/Random Play button**

Pressing this button lets you switch between Normal play, Repeat all and Random play.

**67. Volume -**

Press this button to decrease the output level of the CD-player

**68. ⏻ CD power ON/ OFF switch**

Use to turn the CD/USB player off.

## Operation

### Installation

Remove all packing materials from the MXPA-80. Check that all foam and plastic padding is removed. Secure the equipment into a 19" rack. Connect all cables.

### Set Up and Operation

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.

Before powering up the first time, make sure the AC-selector switch is set to the proper voltage.

Damage caused by connecting the amplifier to improper AC voltage is not covered by any warranty.

*NOTE: Always turn off and disconnect the amplifier from mains voltage before making audio connections. Also, as an extra precaution, have the attenuators turned down during power-up.*

### Dip switch settings channel 1-3

The MXPA-80 has 3 balanced combo inputs. You can use these for connecting either jack or XLR cables. Each input can be customized using 4 dipswitches. You can select 4 options:

1. Line/ Mic: Allows you to set the input impedance/ sensitivity to either Line or Microphone level (Line = on, microphone = off).
2. Phase: Allows you to reverse the polarity of the input (on is reverse polarity).
3. High pass filter: In on position a highpass filter will be activated. The cutoff frequency is 250Hz. The highpass function can be used to improve speech quality in difficult acoustic situations.
4. 24V phantom power: In on position the input will provide 24V phantom power for a condenser microphone.

### Dip switch settings channel 4

The MXPA-80 has 2 sets of stereo unbalanced RCA inputs. You can use these for connecting line level equipment. Each input can be customized using 4 dipswitches. You can select 4 options:

1. Aux 1/2: In off position input 1 is selected, in on position input 2 is selected.
2. -10dB pad enable: Allows you to attenuate the input with -10dB (switch in off position).
3. High pass filter: In on position a highpass filter will be activated. The cutoff frequency is 250Hz. The highpass function can be used to improve speech quality in difficult acoustic situations.
4. 0dBu/ 0dBv: In on position the input sensitivity is 0,775Vrms. In off position the input sensitivity is set to 1Vrms.

### Connecting Inputs.

Use the XLR input connectors on the rear to supply audio signals to your DAP Audio MXPA- Series amplifier. The connectors accept balanced and unbalanced audio connections. (The MPA- Series amplifiers are configured standard with "Pin 2 hot" on XLR inputs. For more Information, see the section on Connection cables page 14.

### Operating the Tuner

#### 1. Selecting a station

Use the BAND button to select either AM or FM band. Press the UP or DOWN button to tune stepwise. Pressing the UP or DOWN button for more than 1second will let you speed up the searching.

#### 2. Selecting a preset.

Use the BAND button to select either AM or FM band.  
Press M1 to M5 to recall preset M1-M5.

#### 3. Storing a station in Memory

Press the MEMO button. In the display the symbols preset number changes into a line and starts blinking. Now press button M1- M5 to store the preset in the desired memory location.

## Operating the CD/USB Player

### 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.

#### 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 next higher or lower track. The selected track will be displayed in the display. The figure below shows that track 2 is selected.



- 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 to start playback when you've just loaded a new CD or selected a track from the (optional)USB stick. or press the PLAY/PAUSE during the pause condition to restart playback.



### 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 STOP button during playback.

### 6. Pausing

- Press the PLAY/PAUSE button to switch between play and pause. The display in the figure below shows the CD-player in PAUSE mode.



## 7. Repeat/ Random play

1. Press the **Repeat/ Random** button once to repeat the current track.



2. Press the **Repeat/ Random** button again to repeat the whole disc.



3. Press the **Repeat/ Random** button again to start random play.



4. Press the **Repeat/ Random** button a fourth time, to exit the Repeat/ Random Mode.

## 8. Scanning (Fast forward/Fast backward)

- Scanning is a function for moving quickly forward or backward when either the **⏮** or the **⏭** is pressed and hold down.
- Press and hold down the **⏭** button to begin scanning. The disc moves rapidly forward and the sound is not audible. The current scan point is indicated on the LCD.
- Press and hold down the **⏮** button to begin scanning. The disc moves rapidly backward and the sound is not audible. The current scan point is indicated on the LCD.

## 9. Switching between CD/ USB playback

1. Insert a USB stick.
2. Press the CD/USB button.  
Now the display will briefly show USB and then proceed in playback mode.



During playback the display will switch continuously between the current track and the current folder as shown below.



If you try to select USB mode without a USB stick in the USB port, the display will look as the figure below.



## 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.

### 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 benzene, 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 are affected by heat from indoor heaters, etc.

## Connecting Outputs.

Speakers are connected using terminal connectors. See the examples below and following page.

### Low impedance outputs

You can use as many speakers as you want as long as the total impedance matches the amplifiers output.

**Example 1:** using the 4Ω output with two 8Ω speakers.

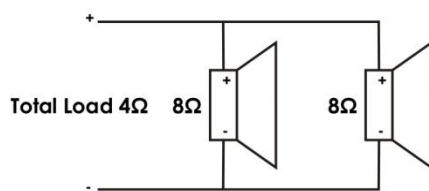


Fig. 5

**Example 2:** using the 4Ω output with four 4Ω speakers

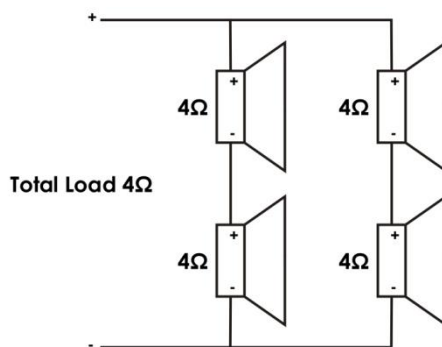
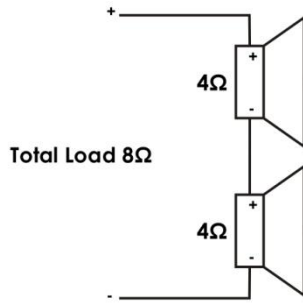


Fig. 6

**Example 3:** using the 8Ω output with two 4Ω speakers.



**Fig. 7**

**In a low impedance system, the total speakerload should always match the amplifier impedance. This to avoid overloading the amplifier. The total speaker power should be at least the power of the amplifier to avoid damage to the speakers.**

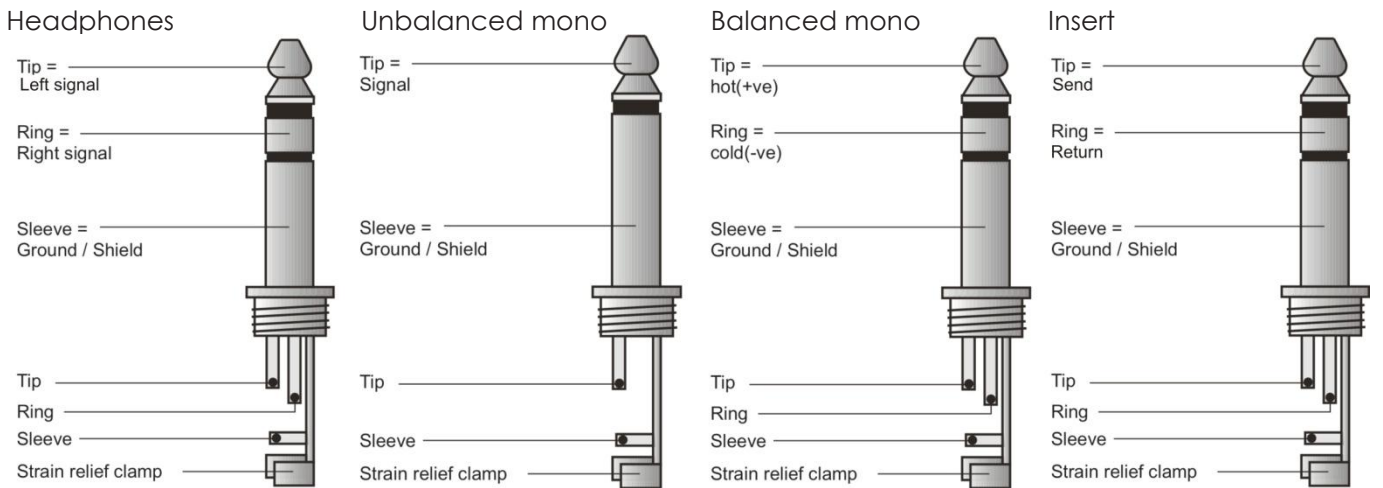
**High impedance outputs**

If using either the 70V outputs or the 100V outputs, note that all speakers should be wired in parallel.

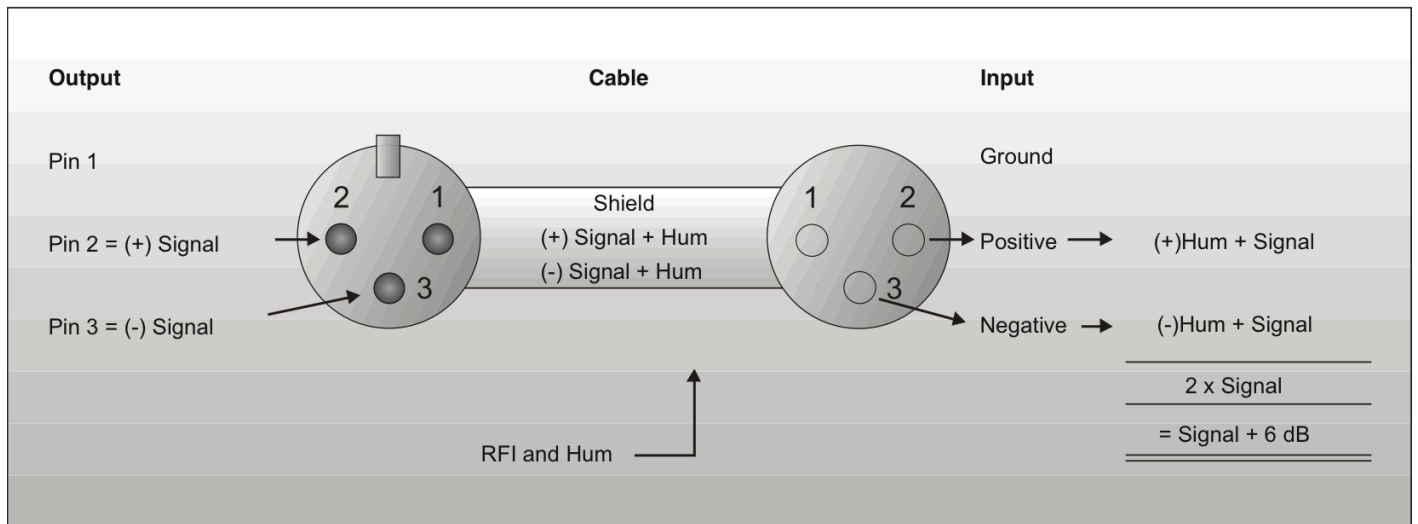
**The total power of all speakers summed together should never exceed the total power of the amplifier in a 70V or a 100V system!**

**Connection Cables**

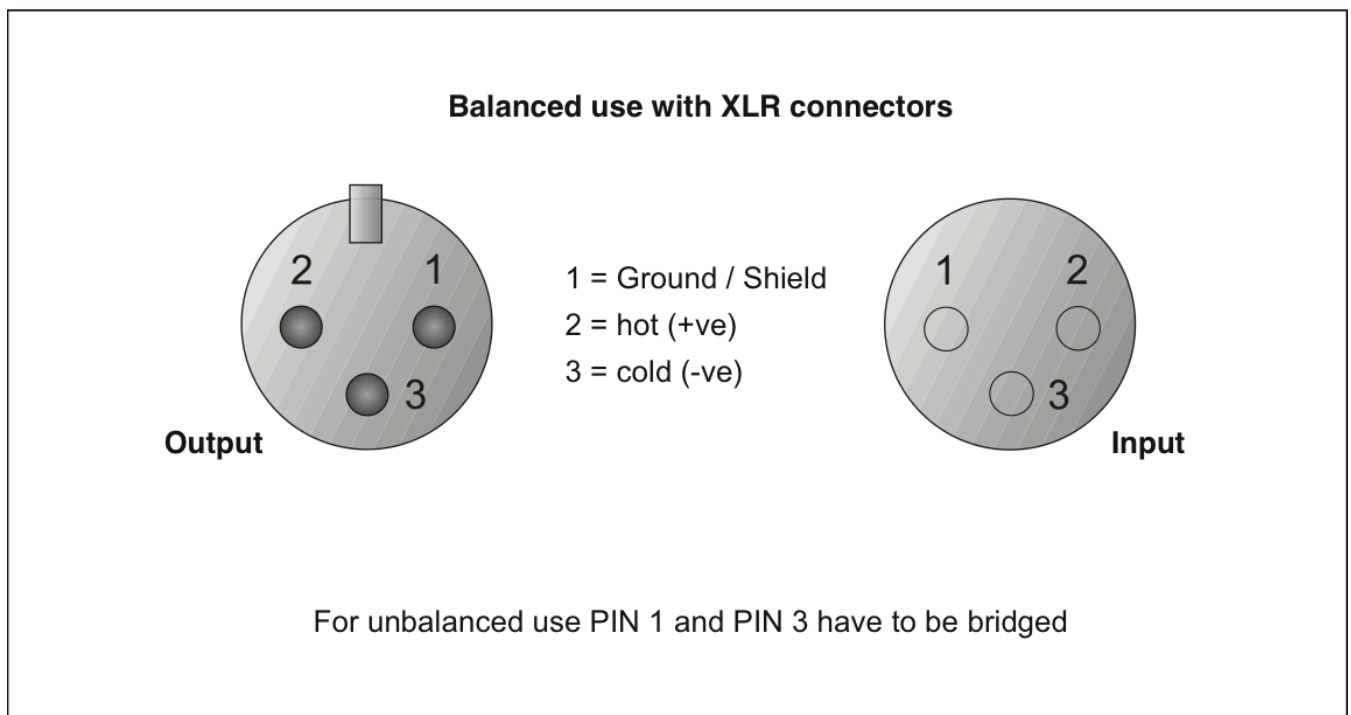
Take care of your cables, always holding them by the connectors and avoiding knots and twists when coiling them: This gives the advantage of increasing their life and reliability. Periodically check your cables. A great number of problems (faulty contacts, ground hum, discharges, etc.) are caused entirely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







### Compensation of interference with balanced connections



## Maintenance

The DAP Audio MXPA-80 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.

## Replacing a Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below to do so.

1. Unplug the unit from electric power source.
2. Insert a flat-head screwdriver into a slot in the fuse cover. Gently pry up the fuse cover. The fuse will come out.
3. Remove the broken fuse. If brown or unclear, it is burned out.
4. Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

## Troubleshooting

DAP Audio MXPA-80.

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 the fuse, power from the wall, all cables, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If you are unable to determine the cause of the problem, do not open the amplifier, as this may damage the unit and the warranty will become void.
5. Return the amplifier to your Dap Audio dealer.

## Product Specifications

Model:	DAP Audio MXPA-80
Power supply:	230 VAC, 24VDC
Fuse:	230V: 1.5AT 115V: 3AT
Inputs impedance and sensitivity:	Mic: -55dBV 5K $\Omega$ Balanced Line: -10dBV 5K $\Omega$ Balanced Aux: -20dBV 10K $\Omega$ Unbalanced High filter: 250Hz (-3dB) Phantom: 24V Telephone paging function sensitivity: 120mV
Frequency response:	63Hz - 10kHz
Tone control:	Treble: $\pm$ 10dB at 10kHz Bass: $\pm$ 10dB 100Hz
THD:	$\leq$ 0.5%(1KHz-nominal power capacity)
Signal / noise ratio:	Mic: > 65dB Line: > 65dB AUX: > 75dB
Outputs for speakers:	4 $\Omega$ , 8 $\Omega$
Outputs for speakers:	70V, 100V
Output power:	80W at 4 $\Omega$ , 8 $\Omega$ , 70V, 100V
Indicator:	Power level meter
Dimensions :	483 x 360 x 89 mm (LxWxH)
Weight :	9,1 kg



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

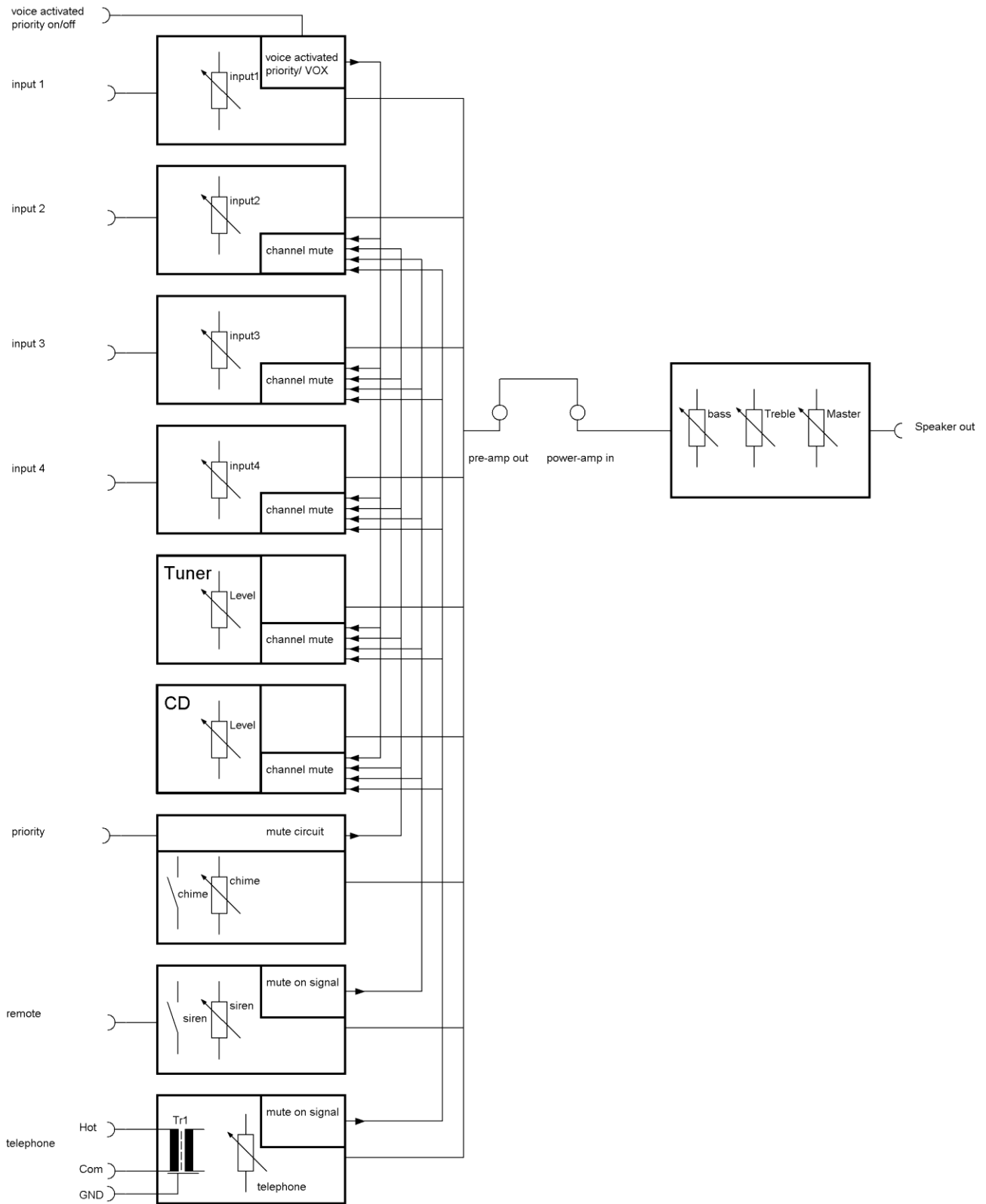


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# Appendix 1: Block diagram MXP-80





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