

DPM2 / DPM4

DANTE PERSONAL MIXER
USER GUIDE V1.0
MARCH 26, 2026

DIGITAL AUDIO LABS

1266 Park Road
Chanhassen, MN 55317
952-401-7700

support@digitalaudio.com
www.digitalaudio.com

SAFETY INSTRUCTIONS

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. CONTACT DIGITAL AUDIO LABS FOR SERVICING.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated and/or potentially dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

POWER CORD NOTICE FOR INTERNATIONAL OPERATION

Please call Digital Audio Labs Support at 952-401-7700.

IMPORTANT SAFETY INSTRUCTIONS

1. Read and understand this entire manual.
2. Keep this manual available for reference.
3. Heed all warnings and precautions in this manual and notices marked on the product.
4. Do not use this product near water or damp environments.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Provide for proper airflow around product. Do not install near products that produce high levels of heat. Do not expose the unit to direct sun light or heating units as the internal components' temperature may rise and shorten the life of the components.
7. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they connect to the product. Do not use the unit if the electrical power cord is frayed or broken.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this product during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. There are no user serviceable components inside the product.
12. The product shall not be exposed to moisture. Do not touch the unit with wet hands. Do not handle the unit or power cord when your hands are wet or damp.
13. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.

CARE

- From time to time you should wipe off the front and side panels and the cabinet with a dry soft cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since this may damage the finish or remove the panel lettering.
- The Livemix system is capable of delivering high levels of volume. Please use caution with volume levels, listen with the lowest possible volume for proper operation and avoid exposure to prolonged high volume levels.
- The manufacturer cannot be held responsible for damages caused to person, personal possessions, or data due to an improper or missing ground connection.

DIGITAL AUDIO LABS LIMITED WARRANTY

Digital Audio Labs warrants their products against defects in material and workmanship for a period of two years from date of purchase. During this period, Digital Audio Labs will, at its option, repair the defective unit or replace it with a new or rebuilt one.

The warranty does NOT cover:

- Damage due to abuse, misuse, or accident.
- Damage due to operation contrary to the instructions in the product instruction manual.
- Units on which the product serial number has been removed or altered.
- Units that have been serviced by unauthorized personnel.

All implied warranties, including warranties on merchantability and fitness, are limited in time to the length of this warranty. Some states do not allow time limitations on implied warranties, so this limitation may not apply to you. Digital Audio Labs' liability is limited to the repair or replacement of its product. Digital Audio Labs shall in no way be held liable for incidental or consequential damages resulting from the use of their product or its software, including, without limitation, damages from loss of business profits, business interruption, loss of business information or other pecuniary loss. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

REPAIR POLICY

Please do not return the product without obtaining an RMA number first. Contact Digital Audio Labs at support@digitalaudio.com to acquire an RMA number. Do not return the product to the place of purchase. Please write the RMA number on the outside of the shipping carton. Any product sent to us without a valid RMA number will be refused. Include the following with the product: a brief description of the problem, your name, return shipping address, phone number and the RMA number. Do not include any accessories. DAL is not responsible for any damage to or loss of the product during transit. We recommend that customers obtain a receipt and tracking number for all packages shipped to us. Turnaround time on repairs is generally ten business days. If you live outside of the United States, please contact your local distributor for warranty service.

Please return product to:
Digital Audio Labs
Attn: RMA Number
1266 Park Road
Chanhassen, MN 55317
USA

WARRANTY SERVICE

You will be required to pay the shipping charges when you ship your product to DAL. DAL will pay for return shipping via UPS ground. We reserve the right to inspect any product that may be the subject of any warranty claim before repair is carried out. For warranty service, we may require proof of the original date of purchase if you have not registered your product with DAL. Final determination of warranty coverage lies solely with Digital Audio Labs.

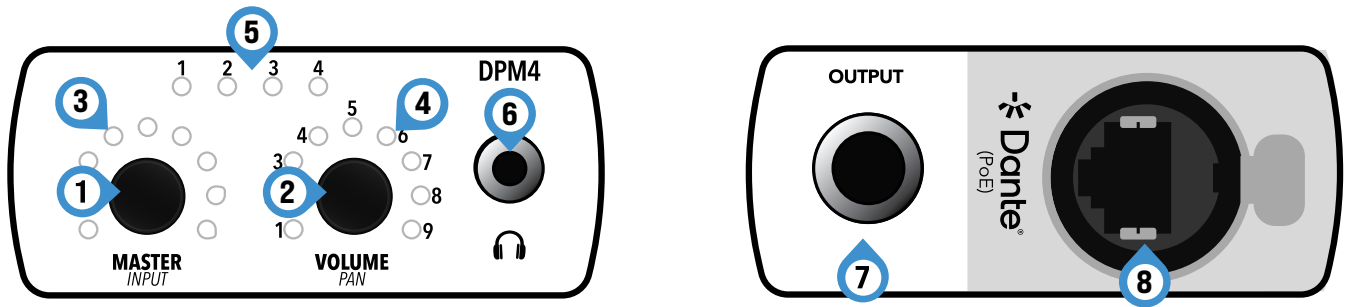
NON-WARRANTY SERVICE

If it is determined that the product does not meet the terms of our warranty, you will be billed for labor, materials, return freight and insurance. There is a \$80 USD minimum charge for materials and labor. Appropriate shipping charges will be applied. We require payment in advance of repair by credit card; we accept Visa and Master Card. In the event the charges are over the minimum charge, DAL will contact you and inform you of the cost of the repair before any work is completed.

CONTENTS

SAFETY INSTRUCTIONS	2
DIGITAL AUDIO LABS LIMITED WARRANTY	3
SETTING UP THE DPM	6
POWER AND DANTE	6
SETTING SAMPLE RATE WITH DANTE CONTROLLER	6
ROUTING AUDIO WITH DANTE CONTROLLER	6
SELECTING A DSP PROGRAM	7
DIAGNOSTIC MODE	9
TROUBLESHOOTING	10
DPM2/DPM4 SPECIFICATIONS	11

DANTE PERSONAL MIXER ANATOMY



1. MASTER VOLUME KNOB / INPUT

The MASTER VOLUME KNOB is an always available volume knob that controls the master output volume.

PRESS the MASTER VOLUME KNOB to select the input for mixing. The selected input can be adjusted with the CHANNEL VOLUME KNOB.

2. CHANNEL VOLUME KNOB / ADJUST

The CHANNEL VOLUME KNOB will adjust the volume for the selected input channel.

PRESS the CHANNEL VOLUME KNOB to access the PAN function for the selected channel.

3. MASTER VOLUME INDICATOR RING

This indicates the level of the Master Output Volume. Each LED has two intensities so that the 9 segments represent 18 volume steps.

4. CHANNEL VOLUME, PAN, AND DSP PROGRAM INDICATOR

In Volume mode, this indicates the volume of the selected channel. Each LED has two intensities so that the 9 segments represent 18 volume steps.

In Pan mode, this shows the left and right positioning of the channel. See Stereo Panning section for more information on Stereo Pan indication.

In DSP Selection Mode, this indicated which of the 9 programs is active.

5. ACTIVE CHANNEL INDICATOR

The selected input channel will be illuminated. When two channels are stereo linked, both channel input LEDs will be illuminated.

6. 1/8" (3.5MM) HEADPHONE OUTPUT

Output for in-ear monitors or 1/8" headphone connectors.

7. 1/4" HEADPHONE OUTPUT

Output for 1/4" headphone connectors.

8. DANTE NETWORK (POWER OVER ETHERNET) POE

Connect the DPM to a PoE switch on the Dante Network for Power and Audio.

SETTING UP THE DPM

POWER AND DANTE

Both power and Dante networked audio are supplied over a single CAT5e or CAT6 cable.

Power over Ethernet - POE

A PoE switch is required to power the DPM2 and DPM4. The switch must be capable of providing at least 44V per port.

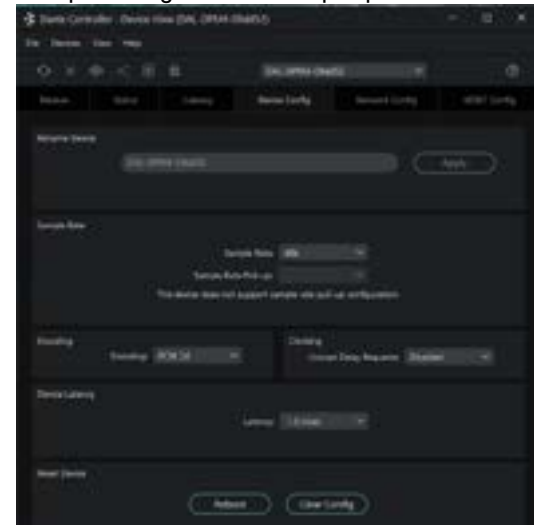
AUDIO SETUP WITH DANTE CONTROLLER

Set up for the DPM2 and DPM4 is performed with the Dante Controller.

SETTING SAMPLE RATE WITH DANTE CONTROLLER

Set the sample rate of the DPM system with Dante Controller.

1. Using the Devices menu in the Dante Controller menu bar, select Device View.
2. Select the DPM2 or DPM4 from the drop down menu in the top bar where it says [Select a Dante Device]...
3. Select the Device Config tab
4. Change the sample rate in the Sample Rate section. Select a sample rate that matches other devices in the system.
5. Press Reboot. The DPM system will reboot and be unavailable for 15-30 seconds.



ROUTING AUDIO WITH DANTE CONTROLLER

Use Dante Controller to route audio to the DPM. To route audio from a Transmitting device like a mixer or digital snake, use the Routing window in Dante Controller.

1. In the Routing window in Dante Controller, expand the Transmitting device along the top horizontal row by pressing the [+] next to the device you will route from.
2. Expand the DPM in the vertical Receivers column by pressing the [+] next to the device name.
3. To assign a receiving channel to a transmitting channel, hover over the grid space where the Transmitting device channel and the Receiving device channel intersect (Figure 2). Click to assign.
4. Repeat for each desired pairing.



To quickly assign subsequent channels, hover over the [-] between the Transmitting and Receiving devices. Press CONTROL while clicking to assign multiple subsequent channels at once.

MONO CHANNELS VS. STEREO PAIRS

The DPM2 has two input channels. The DPM4 has four input channels. Each of the channels can be mixed independently.

On the DPM2, channels 1 and 2 can be LINKED in stereo.

On the DPM4, channels 1 and 2 AND 3 and 4 can be linked.

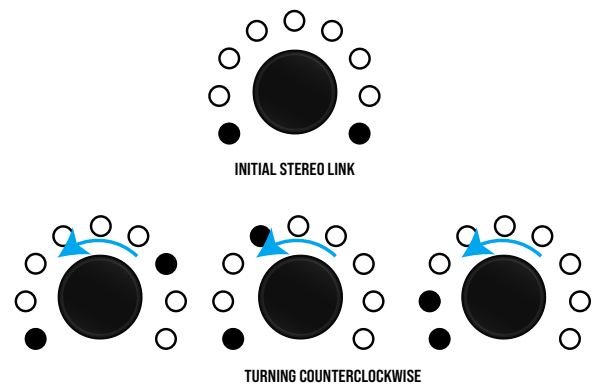
When stereo linked, the Volume Knob adjusts the volume of both channels at the same time.

To link two channels in Stereo Pairs:

1. Select one of the two channels to be linked.
2. LONG PRESS on the volume knob.

To return to two mono channels, LONG PRESS on the volume knob with the stereo pair selected.

When pairing two channels, the PAN controls for each will default to hard left and hard right..



MIXING WITH THE DPM

PANNING

Pressing the Volume/Adjust knob will access the Pan function. Turn the knob left or right to place the channel left or right in the stereo field.

PANNING STEREO PAIRS

When two channels are linked, they will default to a “hard pan” where the first channel is panned all the way to the left and the second channel all the way to the right.

Turning the knob counter-clockwise will move the right channel towards the left. As you continue to turn the right channel and left channel will move toward the right.

HEADPHONE OUTPUTS

The headphone outputs are both active at all times. It is possible to use both simultaneously.

SELECTING A DSP PROGRAM

The DPM2 and DPM4 have 9 user selectable EQ and Compression programs. The default setting is DSP Program 1 which is a flat setting with no EQ.

To change the DSP Program:

1. LONG PRESS the MASTER VOLUME KNOB for 2 seconds.
2. Use the VOLUME/ADJUST KNOB to select the desired program. The programs are numbers 1-9 and the active program will be illuminated purple on the VOLUME KNOB LED indicator ring.

We recommend scrolling through the options to find the setting that sounds best for your needs. Although they are labeled and designed to accommodate different instruments, what sounds best to you and allows you to hear your own instrument or voice is the right option for you.

1. Flat
This program has no added Equalization (EQ) and very little compression.
2. High Pass Filter - HPF
This program cuts off some of the low end below 120hz and has very little compression. This is a good setting for removing some of the flubby low end if present in the mix.
3. Vocal
Ideal for most vocals, this program has gentle EQ in the vocal range and medium compression.
4. Vocal + Guitar
Musicians who also sing will find this program ideal. It tightens up the low end with a subtle boost in the vocal range and medium compression.
5. Electric Guitar
A bit heavier compression with a richer mid-range and upper end articulation. This program is ideal for electric guitars.
6. Acoustic Guitar
Light compression and reduced lows and mids with a subtle upper end boost adds sparkle and clarity to acoustic guitars.
7. Keys
Subtle EQ with light compression allow the full keyboard range to cut through the mix.
8. Bass
Reduced upper end with a slightly elevated low end with heavier compression let bass guitars hold together and cut through the mix.
9. Drums
For drums, this program offers medium compression with a boost in kick and snare ranges with a reduction in harsh upper end frequencies.

PRESET SPECIFICATIONS

	Preset	High Pass Filter (HPF)	Low Freq (Hz)	Low Gain (dB)	Mid Freq (Hz)	Mid Gain (dB)	High Freq (Hz)	High Gain (dB)	Compression	Comp. Amount
1	Flat	OFF	N/A	0	N/A	0	N/A	0	2:1	10
2	HPF	120 Hz	N/A	0	N/A	0	N/A	0	2:1	10
3	Vocal	40 Hz	250 Hz	-3	2.5 kHz	4	8 kHz	2	3:1	25
4	Vocal+Guitar	40 Hz	200 Hz	-2	1.25 kHz	3	4.5 kHz	3	3:1	30
5	Electric Guitar	40 Hz	150 Hz	-2	1.5 kHz	4	6 kHz	3	4:1	35
6	Acoustic Guitar	80 Hz	300 Hz	-3	2 kHz	-2	12 kHz	4	2:1	15
7	Keys	OFF	60 Hz	2	1 kHz	-2	10 kHz	3	2:1	20
8	Bass	OFF	80 Hz	4	800 Hz	2	6 kHz	-2	4:1	40
9	Drums	40 Hz	60 Hz	3	4 kHz	3	10 kHz	2	3:1	30

DIAGNOSTIC MODE

The Diagnostic Mode offers deeper troubleshooting and status information.

DANTE LINK PRESENT

The Channel Input indicators will illuminate solid blue to indicate that a Dante Link is present. This does only show the presence of a Dante subscribed channel, not that audio is present.

SIGNAL PRESENT

When audio is present on a subscribed Dante Channel, the Channel Input indicators will function as a VU meter.

- GREEN: -61 dBFS to -6 dBFS
- YELLOW: -7 dBFS to 0 dBFS
- RED: Over 0 dBFS

To enter the Diagnostic Mode:

1. LONG PRESS the MASTER VOLUME KNOB to 2 seconds.
2. LONG PRESS the VOLUME/ADJUST KNOB for 2 seconds.

PRESS the VOLUME/ADJUST knob to exit Diagnostic Mode. If there is no activity for 5 seconds, the DPM will automatically exit Diagnostic Mode.

SLEEP MODE

After 10 minutes with no audio and no manual interaction, the DPM will enter a lower powered sleep mode. To wake from this mode, turn either of the knobs or start playing audio.

CLIP AND FEET

The DPM2 and DPM4 come with a belt clip and adhesive rubber pads. To use the DPM on a flat surface, unscrew the Belt Clip and affix the feet each of the four corners on the bottom of the DPM unit.

TROUBLESHOOTING

My DPM is not powering on.	Verify that the network switch provides Power over Ethernet of at least 44V.
I do not hear any sound coming out of my head-phones or stage monitor.	Verify that the master volume knob is turned up. Also ensure the volume levels on each channel are appropriate.
I do not hear any sound from a specific channel in my mix.	Verify that the channel is not turned up. Verify that the channel is routed properly using Dante Controller. If your mixing console supports direct output muting, verify these that these are not activated.

DPM2/DPM4 SPECIFICATIONS

Output Power & THD+N	@22Ω	50mW @0.08% THD
	@32Ω	40mW @ 0.06% THD
	@64Ω	30mW @ 0.007% THD
	@300Ω	8.5mW @ 0.002% THD
PoE Power Requirement	44V-57V (PoE standard IEEE 802.3af)	
Latency	1.5ms	
Supported Sample Rates	44.1/48/88.1/96k	
Frequency Response	20-22kHz +/- 1.5dB	
Crosstalk (Left to Right)	-69dBu Left to Right	
Max Cable Length from Dante Network	200' max	
Dimensions	Length: 4.44" Width: 2.5" Height: 1.14" (1.5" w/ clip)	
Weight	0.33 lbs	



® 2014, 2015 Digital Audio Labs. ™ 2017 Digital Audio Labs. © 2026 Digital Audio Labs.
Audinate®, the Audinate logo and Dante are trademarks of Audinate Pty Ltd.. Patents pending.