

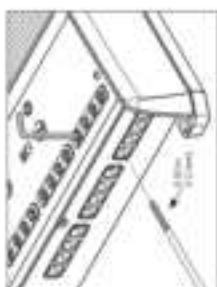
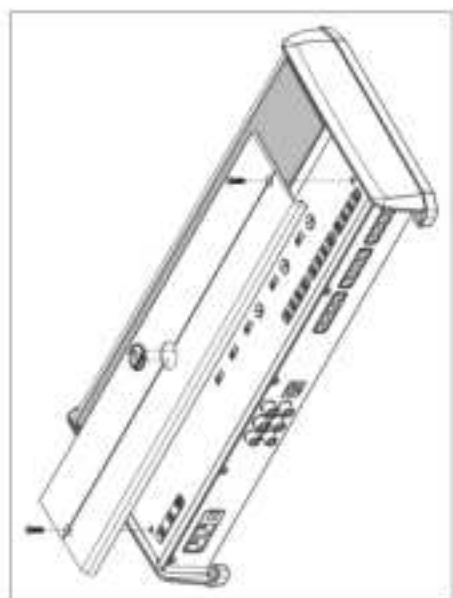
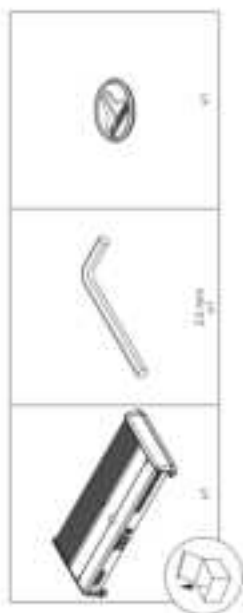


XDM1000/5

1000W 5-CHANNEL SYSTEM AMPLIFIER

OWNER'S MANUAL
MANUEL D'UTILISATION
MANUAL DEL PROPIETARIO
BEDIENUNGSANLEITUNG
MANUALE DEL PROPRIETARIO

NexD[™]
PREMIUM AUDIO TECHNOLOGY



INSTALLATION CONSIDERATIONS

- Installation requires appropriate tools and safety equipment. Professional installation is recommended.
- Before installation, turn off the audio system and disconnect the battery.
- Install in a dry, well-ventilated location that does not interfere with factory-installed systems.
- Do not install in the engine compartment, or any area of extreme heat or where it will be directly exposed to the elements.
- Before cutting or drilling, check for potential obstacles behind mounting surface.
- Carefully route all wires away from moving parts and sharp edges, secure with cable ties or wire clamps and use grommets and strain relief where appropriate to prevent loose sharp edges.

SAFETY CONSIDERATIONS

- Only use this product with 12 volt, negative-ground electrical systems. This product is not certified or approved for use in aircraft.
- Mount this product securely to prevent damage or injury to others.
- An appropriate fuse for circuit load must be installed in the main power wire to avoid fire, vehicle damage and avoid fire caused by shorted wires. (10 amp for the greater battery connection).
- For ABS and ESC applications, avoid pinches in the wiring within 7 inches (18 cm) of the battery, unless the cable is in an enclosure or conduit.
- Always tie power audio system to ground through appropriate for the operating conditions and testing safety.

CONNECT POINTS



Connection	Wire System	Notes
1	Power - 12V Negative Ground	• 6 AWG wire required • Fuse 10A fuse in series with power • 6 AWG wire required
2	Ground - 12V Negative Ground	• 6 AWG wire required • 6 AWG wire required
3	Remote Control - 12V Negative Ground	• 18 AWG wire required • 18 AWG wire required
4	Antenna - 12V Negative Ground	• 18 AWG wire required • 18 AWG wire required
5	Speaker - 12V Negative Ground	• 18 AWG wire required • 18 AWG wire required

APPENDIX A:

Input Sensitivity Level Setting

Follow the steps below to adjust the input sensitivity of each amplifier channel pair to achieve overall system balance.

Recommended Equipment	
• Digital AC Voltmeter	
• Saw-sine test tone, recorded at a 40dB reference level (refer frequency range to be amplified)	
• Decibel and attenuated test tones (10 dB, 20 dB, etc.)	
• 100 ohm, 1/4 watt, 5% tolerance resistors	
• 100 ohm, 1/4 watt, 5% tolerance resistors	
• Depending on your type of source, the test tone may be played via a CD, USB sound drive, portable media player or computer	
• Depending on your source, make sure to disable any DTMF modes or other unwanted modes played during test setting.	
The Time-Step Procedure	
1. Disconnect the system from the amplifier's output impedance.	
2. Turn off all processing (Bass, Treble, EQ, etc.) on the source unit, processors (if used) and amplifiers.	
3. Turn off "Input Sensitivity" controls on the amplifier's front panel.	
4. Set the input sensitivity to 1 V / 1 mV. This will allow for repeatable gain test with no distortion, clipping or full volume.	
5. Using the test tones, determine the target voltage for input sensitivity adjustment according to the nominal impedance of the amplifier system connected to the amplifier output.	
6. Verify that you have disconnected the system before proceeding. Play a track with an appropriate test tone (refer to the frequency range to be amplified) at 1 V / 1 mV.	
7. Connect the AC voltmeter to the speaker output terminals of the amplifier. If the channel pair is operating in mono, it is only necessary to measure one channel. If bridged, make sure you're not clipping the voltage at the same/ between 2a and 2b.	
8. Increase the "Input Sensitivity" control until the target voltage is observed with the voltmeter.	
9. Once you have adjusted each channel and/or to its maximum low distortion output level, measured the speaker. The "Input Sensitivity" control can now be adjusted to the desired level (this amplifier requires adjustment to achieve the desired system balance).	
Important Notes	
• Do not use the "Input Sensitivity" setting for any amplifier channel at channel pair (in the system beyond the recommended established during this procedure). Doing so will result in audible distortion and possible speaker damage.	
• It will be necessary to re-adjust the "Input Sensitivity" if any amplifier channel is subjected after setting the "Input Sensitivity" with this procedure. This applies to any DTMF mode and test tones, including mono and stereo, 100 ohm, 100 ohm and other.	

Nominal Impedance	Target AC Voltage	
	Main CH (Stereo)	Subwoofer CH
8Ω	17.3 V	36.5 V
4Ω	17.3 V	28.1 V
2Ω	16.2 V	not recommended
1Ω	14.1 V	not recommended

SPECIFICATIONS

Amplifier Section	
Amplifier Topology	Next-Gen Ultra-High-Speed-Class D
Power Supply Type	Unregulated MOSFET Switching
Minimum Capacitor Power (Watt)	4 WMS
Minimum Capacitor Power (Watt)	4 WMS
Recommended Fuse	N/A
Rated RMS Power @ 1 kHz	Main @ 4 Ω 710W x 4 Sub @ 2 Ω 400W x 1
Rated RMS Power @ 1 kHz	Main @ 4 Ω 710W x 4 Sub @ 2 Ω 400W x 1
Frequency Response	Main Channels: 20 Hz - 20 kHz (±0.1 dB) Sub Channel: 10 Hz - 140 Hz (±0.1 dB)
Input Impedance	Main Channels: > 10 kΩ (Referenced to rated power) Sub Channel: > 100 Ω (Referenced to rated power) > 100 Ω (Referenced to 1 W)
Damping Factor	Main Channels: > 100 (Referenced to rated power) Sub Channel: > 100 (Referenced to rated power)
Input Section	
Number of Inputs	8 (Three Stereo Pairs)
Input Type	Differential Balanced with RCA Jack Inputs
Input Voltage Range	200 mV - 40 VMS
Signal Processing	
Filter Type	Active, 12dB/octave, High-Pass (50 - 500 Hz) or Low-Pass (50 - 500 Hz), adjustable
Remote Level Control	10-40 dB, or 10-40 dB (optional), full range to 0 dB range
Dimensions	
L x W x H	16.75 in. x 7.09 in. x 2.05 in. (334 mm x 180 mm x 52 mm)

Due to ongoing product development, specifications are subject to change without notice.

REFERENCE 11

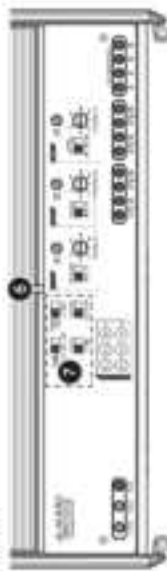
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que los países que se incluyeron a continuación para que fueran la totalidad de variables de estudio de ciudades del mundo habitar con el fin de conocer un fenómeno general en forma más

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Tropische Kontinente	Verfüge in US-Einheiten	
	Land (prognostiziert)	Ges. der schwebende
1.00	1000	1000
4.00	1000	1000
1.00	1000	1000

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1700

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By the University of Chicago Press

Verständnis des Eingangsverständnisses

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Prevalence show	HCC Screening		Index only - Rural
	Healthcare (Percent)	Healthcare (Dollars/Year)	
0.02	10.0	\$60.0	100.0
0.05	10.0	\$60.0	100.0
0.10	10.0	\$60.0	100.0
0.15	10.0	\$60.0	100.0
0.20	10.0	\$60.0	100.0
0.25	10.0	\$60.0	100.0
0.30	10.0	\$60.0	100.0
0.35	10.0	\$60.0	100.0
0.40	10.0	\$60.0	100.0
0.45	10.0	\$60.0	100.0
0.50	10.0	\$60.0	100.0
0.55	10.0	\$60.0	100.0
0.60	10.0	\$60.0	100.0
0.65	10.0	\$60.0	100.0
0.70	10.0	\$60.0	100.0
0.75	10.0	\$60.0	100.0
0.80	10.0	\$60.0	100.0
0.85	10.0	\$60.0	100.0
0.90	10.0	\$60.0	100.0
0.95	10.0	\$60.0	100.0
1.00	10.0	\$60.0	100.0

RESEARCH DESIGN AND METHODS

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Agradecemos la colaboración de Susana Gómez y Juan José Rodríguez por su ayuda en la recolección de datos.

[illegible]This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. On the left side, there is a vertical margin line, creating a narrow left margin. The paper appears to be from a notebook or a standard ruled document.

