GRUND AUDIO DESIGN



www.GrundAudio.com

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IMPORTANT: Grund Audio Design's musical products are floor standing units and not designed for suspension. Under no circumstances should the speaker be suspended with eyebolts attached to the top or side panels. Nor should attachments be made to the cabinet's handles. These situations pose serious risk of injury or death. Always consult an experienced rigging specialist or certified structural engineer before hanging any equipment overhead. Grund Audio Design continually engages in product design development. For this reason, all product descriptions and specifications are subject to change without notice.

Blending Audio Creativity with Rock Solid Cabinets

Grund Audio Design loudspeakers are known for superior clarity and innovative ideas by performers, touring audio professionals and contractors. GAD uses premium components including asymmetrical horns, neodymium magnets, titanium drivers and third-order crossover networks, all housed in lightweight, durable, Baltic Birch wood cabinets.

Combining engineering and manufacturing excellence with affordability, GAD is manufactured with excellence in the U.S.A. Below you'll find a product for almost any high-quality permanently installed or mobile audio system:

- GALA and GT large venues, theaters, houses of worship, production and touring companies
- Altar Clarity intimate-size houses of worship
- UB dedicated under balcony solutions houses of worship, nightclubs, gymnasiums, theaters
- VIP commercial installations sports bars, restaurants, digital jukeboxes, fitness centers, and dance studios
- GP versatile powered speakers for portable and permanent install applications (hanging points are standard) - Corporate A/V, house of worship, club, touring, musicians, DJ's, and backline monitoring
- ST Pro serious clubbing musicians, DJ's, houses of worship
- XT musicians and DJs, economical

Digital Processor



When the company's design engineer, Frank Grund, decided to pursue the manufacturing of a well-working processor, he asked our clients what they would want to see in an ideal digital processor. They asked for one that would be flexible, cost effective, packed full of features, and the keyword - intuitive.

After two years of research and development, we now have the answer for the most innovative digital processor - the Grund Audio DP-26C.

The DP-26C is packed full of features and can be up and running in just minutes. With a full computer program and USB hookup, the DP-26C is easy to use and gets the job done.

- All the functions of the processor can be seen in one screen
- No restrictive defaults manipulate the processor any way you desire
- True 96k resolution for high quality sound reproduction

Go to our website to download the program and take it for a test drive today!



DP-26C Specifications:

Inputs: XLR balanced Outputs: XLR balanced

Minimum Load: 150 ohm

User memories: 24 Recall memories: 24

VU metering: 7 LED for Inputs [-20dBu up to +15dBu/ Clip]

7 LED for Outputs [-20dBu up to +15dBu/ Clip/ Limit] Output LEDs can be used for displaying the Output level OR the Limiter activity

THD+N: 0.001% at 1kHz 0dBu

S/N: >110dB

Frequency Response: 20Hz - 20kHz; -0.5dBu at 20Hz and 20kHz

A/D & D/A Resolution: 24bits

Process Resolution: 24x32 bit for filtering process; 96 bits resolution on

intermediate computation results

Display: Graphic 2x20 characters

Size: 19"X(1U)

Process: Up to 24dBu/Oct HP/LP, +-15dB gain Bell and Shelving filters, RMS compressor/limiter [Attack time from 5ms up to 200ms (1ms resolution up to 20ms, then 10ms resolution up to 100ms and 20ms resolution up to 200ms), Release time from 0.1 sec up to 3 sec (0.1sec resolution)], delay on Inputs and Outputs up to 848.998ms with 21us increment steps.

Limiters:

Threshold: From 20dBu up to -10dBu

Attack time: Attack time from 5ms up to 200ms (1ms resolution up

to 20ms, then 10ms resolution up to 100ms and 20ms resolution up to 200ms)

Release time: Release time from 0.1 sec up to 3 sec (0.1 sec

resolution)

High Pass and Low Pass Filters:

Frequency(HPF): From 1st order (Butterworth - 6dB/Oct) up to 4th Order

(Butterworth, Linkwitz or Bessel -24dB/Oct)

Frequency(LPF): From 1st order (Butterworth -6dB/Oct) up to 4th

Order

(Butterworth, Linkwitz or Bessel -24dB/Oct)

Filter's setting step: 1/24th of octave

Delay & Gain:

Maximum Delay: 848.998ms by 21us increment/decrement step, on

each Input and Output channel

Spdif input

gain (Digital): OdBu on RCA connector

Parametric 5 filters on each input assignable as Bell or Shelving

Equalization: 7 filters on each output assignable as Bell or

Shelving

Filters: Symmetrical Bell or High/Low Shelving up to second

order

Filter gain: for Bell and Shelving the gain is ranging from -15dBu up to +15dBu by 0.5dBu resolution steps

Centre frequency: Selectable with a 1/24th of octave resolution steps from 20Hz up to 20kHz

Filter Q/BW: Q from 0.05 up to 3 by 0.05 resolution steps

GALA - Grund Audio Line Array



GALA Line Array Series

The Grund Audio Design
GALATM System represents a
new benchmark in line array
loudspeaker technology,
performance and value.
Never before has a line array
system been available that is
this compact and technically
correct, yet affordable. Typical
line array systems offered to date
have been large, very expensive
and priced well beyond the
budget of many small-tomedium sized installations and
tour sound customers.

The GALATM system is fully ground stackable, while still maintaining the performance parameters of the line array concept. For absolute safety when the system is flown, fully tested and certified ATMTM flying hardware is utilized. To save set up and tear down labor costs, an entire 24 box stereo hanging system can be



flown by only one person. Additionally, all the GALATM cabinets are designed for efficient truck pack. The GALATM system is the perfect sound solution for any concert sound or A/V rental company that needs a very high quality rig. Churches, schools, auditoriums and even night clubs can now all benefit from the incredible advantages a line array system offers.

Grund Audio uses two, one inch Neo drivers coupled to a dual, asymmetrical fiberglass horn. This combination provides a wide horizontal coverage and a very narrow vertical that maximizes efficiency, with total coherency and intense output. The use of the asymmetrical horn provides greater intelligibility and better fidelity throughout the band width. Both the GA-1021Z and the GA-2021 offer an excellent choice for club, concert or church venues of all sizes. The GA-1021Z, GA-1621, and GA-2021 models are ground stackable or flyable.









GALA Line Array Series



Optional **Stacking Tracks** are available on some GAD models. The stacking tracks lock the boxes together and help to eliminate movement from vibration. The top has a groove and the bottom has a track to form the lock.



Finish Options





Optional **Speaker Trays** are available for all Grund Audio speaker models. The trays have a carpeted exterior and interior to protect the finish of the speakers. The bottom tray comes equipped with casters (two locking). The top tray locks the cabinets together for stacking and easy transport.





62-038

The Optional 62-038 Bracket locks the GA- 4041NGS's together to secure the stack. These brackets also allow the ground stack to be angled from 0° to 2.5° .

The Grund Audio Design **DP-26C Digital Processor** is a great, easy-to-use tool packed full of features with a full computer program and USB hookup. Use the optional **79-001 Grund Audio Design Interface Cable** to link multiple DP-26C units together.



Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
GA-1621	LF: 2 x 8" Neo Cone HF: 2 x 1" Neo	50 Hz - 19 kHz	101 dB SPL	400 / 8 Ω	100° / Varies	9.94 x 23.06 x 14.00
GA-1021Z	LF: 10" Neo Cone HF: 2 x 1" Neo	52 Hz - 18 kHz	99 dB SPL	300 / 16 Ω	100° / Varies	12.44 x 22.75 x 14.75
GA-2021N	LF: 10" Neo Cone HF: 2 x 1" Neo	50 Hz - 18 kHz	101 dB SPL	600 / 8 Ω	100° / Varies	12.25 x 37.00 x 13.00
GA-4041NGS	LF: 4 x 10" Neo Cone HF: 4 x 1" Neo	40 Hz - 18 kHz	104 dB SPL	1200 / 4 Ω	100° / Varies	23.50 x 33.13 x 19.75

GT Series -Full Range



GT Series - Full Range

This line-up of the **GT Series** combines high SPL and high Q to meet the demands of performance in touring, rental and club applications.

The choice of horn patterns includes 90° x 40° and 60° x 40° where high Q capabilities are required. These models perform well in clusters for that wide and full array dynamic sound.

All models are available with optional fly hardware. Three standard finishes available: black, white or natural (ready to stain). Many models are available with optional biamp capability.





GT-2301



GT-871X

GT-871

GT-1071

GT-1210C







GT-1220A

GT-1226A

GT-1220C







White

Finish

Finish **Options**

Natural **Finish**



With Handles & No Pole Mount Option



No Handles or Pole Mount Option

GT Series - Full Range



GT-1520/GT-1526



Six 3x3 Fly Track Option

GT-3020 / GT-3026



GT-2426C







Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
GT-1220A	LF: 12" Cone HF: 2" Compression	50 Hz - 16 kHz	101 dB SPL	400 / 8 Ω	90° / 40°	28.75 x 16.00 x 15.75
GT-1220C	LF: 12" Cone HF: 2" Compression	60 Hz - 16 kHz	100 dB SPL	400 / 8 Ω	80° / 40°	23.75 x 15.75 x 15.75
GT-1226A	LF: 12" Cone HF: 2" Compression	50 Hz - 16 kHz	101 dB SPL	400 / 8 Ω	60° / 40°	28.75 x 16.00 x 15.75
GT-1510	LF: 15" Cone HF: 1" Compression HF:Asymmetrical	40 Hz - 16 kHz	98 dB SPL	400 / 8 Ω	120° / 40°/50°/90°	28.75 x 18.50 x 18.50
GT-1520	LF: 15" Cone HF: 2" Compression	40 Hz - 18 kHz	99 dB SPL	400 / 8 Ω	90° / 40°	28.75 x 18.50 x 18.50
GT-1526	LF: 15" Cone HF: 2" Compression	40 Hz - 18 kHz	103 dB SPL	400 / 8 Ω	60° / 40°	28.75 x 18.50 x 18.50
GT-1601	LF: 2 x 8" Cone HF: 1" Compression	50 Hz - 19 kHz	101 dB SPL	400 / 4 Ω	90° / 90°	23.75 x 12.00 x 11.75
GT-2002	LF: 2 x 10" Cone HF: 2" Compression	50 Hz - 18 kHz	101 dB SPL	600 / 4 Ω	90° / 90°	28.75 x 12.75 x 12.75
GT-1001	LF: 10" Cone HF: 1" Compression	64 Hz - 19 kHz	98 dB SPL	250 / 8 Ω	90° / 90°	18.75 x 12.75 x 12.75
GT-1071	LF: 10" Cone HF: 1" Compression	70 Hz - 17 kHz	99 dB SPL	250 / 8 Ω	70° / 70°	18.75 x 12.50 x 12.75
GT-1201	LF: 12" Cone HF: 1" Compression	50 Hz - 18 kHz	99 dB SPL	350 / 8 Ω	90° / 90°	23.50 x 14.75 x 14.75
GT-1202	LF: 12" Cone HF: 2" Compression	50 Hz - 18 kHz	102 dB SPL	400 / 8 Ω	90° / 90°	23.50 x 14.75 x 14.75
GT-1210C	LF: 12" Cone HF: 1" Compression HF:Asymmetrical	60 Hz - 19 kHz	103 dB SPL	300 / 8 Ω	120° / 40°/50°/90°	23.75 x 15.88 x 15.75
GT-2301	LF: 12" Cone MF: 6" Cone HF: 1" Compression	50 Hz - 18 kHz	99 dB SPL	350 / 8 Ω	90° / 90°	23.50 x 14.75 x 14.75
GT-2420C	LF: 2 x 12" Cone HF: 2" Compression	40 Hz - 16 kHz	101 dB SPL	800 / 4 Ω	90° / 40°	37.75 x 19.00 x 22.25
GT-2426C	LF: 2 x 12" Cone HF: 2" Compression	40 Hz - 16 kHz	101 dB SPL	800 / 4 Ω	60° / 40°	37.75 x 19.00 x 22.25
GT-3020	LF: 2 x 15" Cone HF: 2" Compression	40 Hz - 16 kHz	101 dB SPL	900 / 4 Ω	90° / 40°	44.00 x 19.00 x 22.25
GT-3026	LF: 2.x 15" Cone HF: 2" Compression	40 Hz - 16 kHz	101 dB SPL	900 / 4 Ω	60° / 40°	44.00 x 19.00 x 22.25
GT-5301	LF: 15" Cone MF: 6" Cone HF: 1" Compression	40 Hz - 19.5 kHz	99 dB SPL	350 / 8 Ω	90° / 90°	28.75 x 18.50 x 18.50
GT-601	LF: 6" Cone HF: 1" Compression	65 Hz - 20 kHz	95 dB SPL	100 / 8 Ω	90° / 90°	11.75 x 8.88 x 8.75
GT-801	LF: 8" Cone HF: 1" Compression	80 Hz - 19.5 kHz	97 dB SPL	150 / 8 Ω	90° / 90°	15.50 x 10.75 x 10.75
GT-871	LF: 8" Cone HF: 1" Compression	80 Hz - 17 kHz	98 dB SPL	150 / 8 Ω	70° / 70°	15.50 x 11.75 x 11.88
GT-871X	LF: 8" Cone HF: 1" Compression	60 Hz - 17 kHz	95 dB SPL	100 / 8 Ω	80° / 80°	12.75 x 10.50 x 10.00

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GT Series -Floor Monitors



GT Series - Floor Monitors

The Grund Audio Design monitor line-up covers all performance types, from small performance to large concert instrument fill monitoring.

All monitors are dual angle as well as low profile for a clean stage presence. The controlled pattern horns allow high SPL levels before feed back. Grund Audio monitors provide the articulation and punch required in high SPL performance.

Three standard finishes are available: black, white or natural (ready-to-stain). Some models are available with optional biamp capability.

The GT-DW32M is ideal for full-mix drum monitoring and side-fill applications. The GT-2420M is popular in the touring circuit as a preferred choice for vocal monitoring.

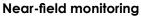




GT Series - Floor Monitors









Far-field monitoring

Each GT Series Monitor is equipped with multiple angles for use in near-field or farfield applications to meet the individual needs of each monitor user.

Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
GT-1220M	LF: 12" Cone HF: 2" Compression	50 Hz - 18 kHz	100 dB SPL	400 / 8 Ω	40° / 80°	15.25 x 23.75 x 14.75
GT-1502M	LF: 15" Cone HF: 2" Compression	40 Hz - 18 kHz	98 dB SPL	400 / 8 Ω	90° / 90°	18.25 x 28.75 x 16.88
GT-1510M	LF: 15" Cone HF: 1" Compression HF:Asymmetrical	40 Hz - 19.5 kHz	98 dB SPL	450 / 8 Ω	120° / 40°/50°/90°	17.25 x 28.75 x 17.88
GT-1520M	LF: 15" Cone HF: 2" Compression	50 Hz - 18 kHz	99 dB SPL	450 / 8 Ω	40° / 80°	17.25 x 28.75 x 17.88
GT-1601M	LF: 2 x 8" Cone HF: 1" Compression	50 Hz - 19 kHz	101 dB SPL	300 / 4 Ω	90° / 90°	10.75 x 23.50 x 9.75
GT-1001M	LF: 10" Cone HF: 1" Compression	60 Hz - 18.5 kHz	99 dB SPL	250 / 8 Ω	90° / 90°	12.63 x 18.75 x 11.75
GT-1071M	LF: 10" Cone HF: 1" Compression	65 Hz - 16 kHz	97 dB SPL	250 / 8 Ω	70° / 70°	13.75 x 18.75 x 13.38
GT-1201M	LF: 12" Cone HF: 1" Compression	50 Hz - 18 kHz	98 dB SPL	400 / 8 Ω	90° / 90°	13.25 x 23.75 x 14.25
GT-1202M	LF: 12" Cone HF: 2" Compression	50 Hz - 18 kHz	102 dB SPL	400 / 8 Ω	90° / 90°	13.25 x 23.75 x 14.25
GT-1210M	LF: 12" Cone HF: 1" Compression HF:Asymmetrical	50 Hz - 18 kHz	99 dB SPL	400 / 8 Ω	120° / 40°/50°/90°	15.25 x 23.75 x 14.75
GT-2420M	LF: 2 x 12" Cone HF: 2" Compression	40 Hz - 16 kHz	101 dB SPL	800 / 4 Ω	40° / 80°	15.25 x 34.50 x 14.75
GT-801M	LF: 8" Cone HF: 1" Compression	80 Hz - 19.5 kHz	97 dB SPL	150 / 8 Ω	90° / 90°	10.75 x 15.50 x 9.75
GT-871M	LF: 8" Cone HF: 1" Compression	70 Hz - 16 kHz	98 dB SPL	150 / 8 Ω	70° / 70°	10.75 x 15.50 x 9.88
GT-DW32M	LF: 2 x 15" Cone MF: 10" Cone HF: 2" Compression	40 Hz - 18 kHz	99 dB SPL	800 / 4 Ω	80° / 40°	17.25 x 44.00 x 17.88

GT Series -Subwoofers



GT Series - Subwoofers

Grund Audio has some of the most compact and highest SPL subwoofers in the market today - the GT-LPB-36CX is only 17" high and the GT-3600CX handles 2000 watts of power.

The GT Subwoofer Series offers a variety of sizes and power handling capabilities to solve even the most complex installation problems. These enclosures are built to endure years of road use with Baltic birch construction and superior dado and rabbit joinery, and have been tested in the most demanding applications.









GT Series - Subwoofers

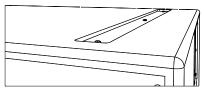


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Optional **Speaker Trays** are available for all Grund Audio speaker models. The trays have a carpeted exterior and interior to protect the finish of the speakers. The bottom tray comes equipped with casters (two locking). The top tray locks the cabinets together for stacking and easy transport.







Many **Grund Audio Subwoofers** come equipped with installed pole mounts for creating portable satellite systems. Pictured above are two STP-122's over a single GT-LPB-24C subwoofer. The **Adjustable Pole** shown is #78-024. The **Dual Speaker Mount** shown is #78-003P.

Optional **Stacking Tracks** are available on some GAD models. The stacking tracks lock the boxes together and help to eliminate movement from vibration. The top has a groove and the bottom has a track to form the lock.

Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
GT-1500	LF: 15" Cone	40 Hz - 1000 Hz	99 dB SPL	400 / 8 Ω	Omni- directional	28.75 x 18.50 x 18.50
GT-1800CX	LF: 18" Cone	35 Hz - 500 Hz	100 dB SPL	1000 / 8 Ω	Omni- Directional	29.50 x 22.25 x 23.00
GT-3000C	LF: 2 x 15" Cone	35 Hz - 250 Hz	100 dB SPL	900 / 4 Ω	Omni- Directional	44.00 x 19.00 x 22.25
GT-315C	LF: 2 x 15" Cone	37 Hz - 1000 Hz	100 dB SPL	900 / 4 Ω	Omni- Directional	20.75 x 37.75 x 23.00
GT-3600CX	LF: 2 x 18" Cone	30 Hz - 250 Hz	101 dB SPL	2000 / 4 Ω	Omni- Directional	24.75 x 44.25 x 26.00
GT-LPB-18CX	LF: 18" Cone	35 Hz - 200 Hz	99 dB SPL	1000 / 8 Ω	Omni- Directional	17.00 x 29.50 x 29.50
GT-LPB-24C	LF: 2 x 12" Cone	40 Hz - 250 Hz	99 dB SPL	800 / 4 Ω	Omni- Directional	12.38 x 28.75 x 18.50
GT-LPB-36CX	LF: 2 x 18" Cone	35 Hz - 200 Hz	101 dB SPL	2000 / 4 Ω	Omni- Directional	17.00 x 43.50 x 29.50

UB Series



UB Series

The **UB Series** systems are powerful and versatile boxes designed to meet the challenges of difficult room configurations. The arrayable design allows for center cluster systems, providing equal distribution of audio from the front of the room to the back. They also install well under balconies with their low-profile ceiling mount capabilities.

All Grund Audio UB Series models are designed for high SPL output and controlled broadband coverage. Some models in the UB Series are equipped with an asymmetric horn for controlling the horizontal or vertical pattern when a hard surface may cause reflection (these models have an "R" designation).

The UB Series is quickly becoming an installation staple, providing a variety of configurations from small to large cone format. What UB is in your toolbox?

The UB Series is suitable for houses of worship, nightclubs, theatres, corporate AV, theme parks, and restaurants/bars. The UB Series offers versatile mounting options including U-brackets, wall-brackets, 2×2 flyware, or stand mounts.



UB Series



75-452

Pictured above are two UB-16RN's mounted in optional bracket #75-452. This array is then mounted to our adjustable pole #78-024. This system on top of a GAD subwoofer produces a complete portable array system.







0

Six 2x2 Fly Point Option





Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
UB-10R	LF: 10" Cone HF: 1" Compression HF:Asymmetrical	60 Hz - 19 kHz	98 dB SPL	200 / 8 Ω	120° / 40°/50°/90°	12.75 x 19.00 x 12.75
UB-1210	LF: 12" Cone HF: 1" Compression HF:Asymmetrical	50 Hz - 16 kHz	99 dB SPL	400 / 8 Ω	120° / 40°/50°/90°	16.00 x 28.75 x 15.75
UB-1220	LF: 12" Cone HF: 2" Compression	50 Hz - 16 kHz	101 dB SPL	400 / 8 Ω	90° / 40°	16.00 x 28.75 x 15.75
UB-16RN	LF: 2 x 8" Neo Cones HF: 1" Neo Compression HF:Asymmetrical	60 Hz - 18 kHz	98 dB SPL	500 / 8 Ω	120° / 40°/50°/90°	9.63 x 26.63 x 9.00
UB-2020	LF: 2 x 10" Neo Cones HF: 2" Compression	50 Hz - 16 kHz	101 dB SPL	600 / 4 Ω	80° / 40°	12.75 x 28.75 x 12.75
UB-2420	LF: 2 x 12" Cones HF: 2" Compression	40 Hz - 18 kHz	100 dB SPL	800 / 4 Ω	90° / 40°	16.00 x 36.00 x 15.75
UB-8R	LF: 8" Cone HF: 1" Compression HF:Asymmetrical	65 Hz - 19 kHz	98 dB SPL	150 / 8 Ω	120° / 40°/50°/90°	10.75 x 19.00 x 10.75

Altar Clarity Series

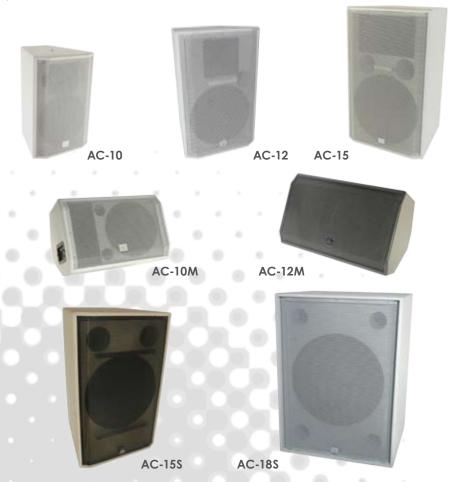


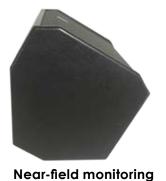
Altar Clarity Series

The Altar Clarity Series of loudspeakers provides exceptional performance and versatility for house of worship live sound reproduction. Three beautiful finishes are available. White or black texture paint, or a natural, ready to paint or stain finish is available on the Baltic birch enclosures. Each model is equipped with component concealing grilles for visual aesthetics.

True, two-pole crossovers and pattern-controlled horns are used for accurate and smooth sounding musical performances and the spoken word. Vast assortments of model choices are available to fit every application.

The Altar Clarity Series offers many installation solutions including, 2x2 fly points, U-bracket mounts and wall bracket mounts.

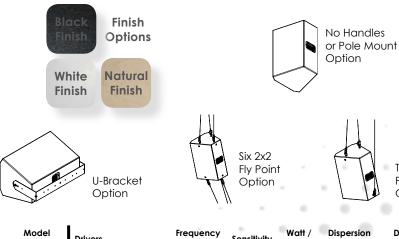






Far-field monitoring

Each Altar Clarity Series Monitor is equipped with multiple angles for use in nearfield and far-field applications to meet the individual needs of each monitor user.



Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
AC-10	LF: 10" Cone HF: 1" Compression	70 Hz - 18 kHz	99 dB SPL	150 / 8 Ω	80° / 40°	18.75 x 12.50 x 12.75
AC-10M	LF: 10" Cone HF: 1" Compression	60 Hz - 18 kHz	98 dB SPL	150 / 8 Ω	90° / 40°	13.75 x 18.75 x 13.38
AC-12	LF: 12" Cone HF: 1" Compression	50 Hz - 18 kHz	101 dB SPL	200 / 8 Ω	80° / 40°	23.75 x 15.50 x 15.75
AC-12M	LF: 12" Cone HF: 1" Compression	50 Hz - 18 kHz	99 dB SPL	200 / 8 Ω	90° / 40°	17.00 x 26.50 x 16.50
AC-15	LF: 15" Cone HF: 1" Compression	40 Hz - 18 kHz	99 dB SPL	300 / 8 Ω	90° / 40°	28.75 x 18.50 x 18.50
AC-15S	LF: 15" Cone	40 Hz - 2000 Hz	98 dB SPL	250 / 8 Ω	Omni- Directional	28.75 x 18.50 x 18.25
AC-18S	LF: 18" Cone	35 Hz - 2000 Hz	98 dB SPL	450 / 8 Ω	Omni- Directional	31.75 x 23.25 x 19.63

Three 2x2

Fly Point

Option

GP Series



GP Series

The **GP Series** is one of the most versatile series of speakers in the Grund Audio line-up. These selfpowered cabinets make perfect self-contained systems for fast and inexpensive setups.

The reinforced, ribbed, two-piece mold design provides a non-flexing, low-resonant cabinet. The GP-312A and GP-315A models are equipped with removable feet for positioning the cabinet in a floor monitor application. The cabinets have multiple mounting points for the feet providing mirror imaging capabilities. The GP-310A may also



GP-310A

be used as a floor monitor but does not require the feet. Also, each model is equipped with an integral, cast aluminum stand mount design for added strength when used on tripod stands or satellite poles. The GP

Series cabinets are well suited for stacking with top cups and bottom feet. Additionally, these models are equipped with 10 fly points for permanent installation applications.

Voicing the microphone has never been easier. There is a mic and line level switch allowing a mic to be plugged in direct, or for adding an external mixer or other audio device. When using the option of hooking up a mic line directly into the GP Series, the built-in sensitivity control and the 3-band equalizer allow flexibility and personal control of the critical frequencies for vocal optimization.

The GP Series speakers may be pole-mounted for

equally adaptable as high-quality floor monitors.



GP-312A use as a small, full-range, portable PA system or installed PA. A subwoofer may be added for additional low-end support. These speakers are



These units are ideal for vocal and instrument reproduction, floor monitoring, or side-fills. This series is suitable for clubs, DJ's, live band, house of worship, corporate A/V, and educational facilities and anywhere a high-quality, selfcontained portable PA is required.

Power up your Performance!

GP Series

Rear Panel Features

- Gain Switch of Line/Mic
- Gain Control
- High Tone Control
- Mid Tone Control —
- Low Tone Control
- Master Volume Control
- Power Switch —
- Power Fuse
- Power Supply Socket
- Power Indicator Light •
- Line/Mic Signal Input -
- Line/Mic Signal Output •



Features

A toroidal transformer is used in the amplifier to maintain high-quality tonality, stabilize bandwidth, and minimize the noise floor.

An internal cooling fan is used to prevent air leakage that can cause detuning of the box.

Each model is equipped with an integral cast aluminum stand mount for long-lasting durability. The GP-312A and GP-315A include attachable feet for use in floor monitoring applications.









Optional Covers Available

Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
GP-310A	LF: 10" Cone HF: 1" Compression	50 Hz - 18 kHz	98 dB SPL	300 / 8 Ω	90° / 60°	20.87 x 14.57 x 15.75
GP-312A	LF: 12" Cone HF: 1" Compression	50 Hz - 18 kHz	99 dB SPL	450 / 8 Ω	90° / 60°	25.59 x 17.72 x 19.69
GP-315A	LF: 15" Cone HF: 1" Compression	45 Hz - 18 kHz	100 dB SPL	550 / 8 Ω	90° / 60°	29.92 x 20.08 x 21.85

VIP Series



VIP Series

The Grund Audio Design VIP Series sets a new standard for 3-way speakers. Its design provides the user multiple applications and plenty of power handling capability in a compact, three-way, cabinet design. These full-range loudspeakers are ideal for applications requiring high quality sound with detailed definition. The box design allows vocal optimizing and full music power capability.

The versatile VIP Series may be used in a wide-variety of commercial applications: conference rooms, dance/exercise studios, educational facilities, lounges, digital jukebox playback systems, house of worship, karaoke systems, and restaurants.

- Large voice coils on the low frequency
- Mid-range with 1" coils, quasi horn loaded
- High frequency has 1" coils
- Multi mounting points on the back
- · Comes in mirror imaged pairs
- Name badges rotate for vertical or horizontal positioning
- High power capabilities
- Highest sensitivity of SPL in its class
- Sleek, modern design and appearance
- Steel, matte finish, powder-coated grilles







The **VIP Series Subwoofers** pack a powerful punch with the self-contained amplifier featuring a volume control and crossover. Just add the #78-024 adjustable height pole and these subwoofers, along with a top box from the GT or STP Series equally equipped with a pole mount, will provide a rockin' satellite-style PA system!



Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
VIP-06	LF: 6.5" Cone HF: 1" Dome Tweeter	68 Hz - 20 kHz	90 dB SPL	60 / 8 Ω		12.25 x 8.13 x 8.25
VIP-08	LF: 8" Cone MF: 5" Cone HF: 1" Dome Tweeter	45 Hz - 18 kHz	95 dB SPL	120 / 8 Ω		15.70 x 10.00 x 10.00
VIP-10	LF: 10" Cone MF: 5" Cone HF: 1" Dome Tweeter	40 Hz - 18 kHz	97 dB SPL	200 / 8 Ω		19.50 x 12.25 x 11.00
VIP-12	LF: 12" Cone MF: 5" Cone HF: 1" Dome Tweeter	38 Hz - 18 kHz	98 dB SPL	250 / 8 Ω		20.50 x 13.25 x 11.88
VIP-12S-200	LF: 1 x 12"	45 Hz - 250 Hz	93 dB SPL	250 / 8 Ω	Omni- Directional	13.78 x 20.08 x 16.14
VIP-15S-350	LF: 1 x 15"	45 Hz - 250 Hz	95 dB SPL	400 / 8 Ω	Omni- Directional	17.72 x 27.17 x 20.67

ST Pro Series





ST Pro Series

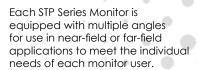
The GAD™ ST Pro Series products are designed with the aid of the most advanced technologies in the audio field. Sophisticated design and measurement equipment, including computer assisted design software, is used for each design to achieve optimized balance and interface between components to give better quality, performance, and longer life.

The ST Pro series product line consists of models ranging from very high power medium/longthrow, to low power near field, and subwoofer models from very high to medium power. These products are used by musicians, DJs, rental companies, and many fixed installations including houses of worship, theaters, music halls, meeting rooms, amusement parks, hotels, stadiums, nightclubs, and auditoriums.

The following are some of the quality features: multi-layer void-free plywood construction; T-baffle™ bracing; epoxy powder coated, steel perforated grilles; durable, soil-resistant black carpet covering; black corners; and complex third-order, optimized crossover networks for matched transition between drivers. with full protection circuitry. All models

STP-102M





carry a five year limited warranty.



ST Pro Series





















Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
STP-102M	LF: 10" Cone HF: 1" Compression	70 Hz - 18 kHz	97 dB SPL	200 / 8 Ω	90° / 40°	12.63 x 19.38 x 12.50
STP-122	LF: 12" Cone HF: 1" Compression	55 Hz - 16 kHz	98 dB SPL	300 / 8 Ω	70° / 40°	24.50 x 15.25 x 15.25
STP-122M	LF: 12" Cone HF: 1" Compression	60 Hz - 16 kHz	98 dB SPL	300 / 8 Ω	70° / 40°	14.25 x 22.25 x 13.63
STP-151S	LF: 15" Cone	40 Hz - 2000 Hz	97 dB SPL	300 / 8 Ω	Omni- Directional	30.00 x 18.75 x 18.50
STP-152M	LF: 15" Cone HF: 2" VC Compression	50 Hz - 16 kHz	98 dB SPL	300 / 8 Ω	90° / 40°	17.00 x 26.50 x 16.50
STP-181S	LF: 18" Cone	35 Hz - 2000 Hz	99 dB SPL	1000 / 8 Ω	Omni- Directional	32.50 x 23.75 x 20.25
STP-2402	LF: 2 x 12" Cone HF: 2" VC Compression	40 Hz - 16 kHz	99 dB SPL	600 / 4 Ω	90° / 40°	37.75 x 18.75 x 18.50
STP-3002	LF: 2 x 15" Cone HF: 2" VC Compression	38 Hz - 16 kHz	99 dB SPL	600 / 4 Ω	90° / 40°	45.25 x 18.75 x 18.50
STP-300S	LF: 2 x 15" Cone	35 Hz - 2000 Hz	99 dB SPL	600 / 4 Ω	Omni- Directional	45.25 x 23.50 x 20.25
STP-36	LF: 15" Cone MF: 6" Cone HF: 1" Compression	40 Hz - 20 kHz	98 dB SPL	300 / 8 Ω	90° / 40°	30.00 x 18.75 x 18.50
STP-360S	LF: 2 x 18" Cone	30 Hz - 2000 Hz	100 dB SPL	1000 / 4 Ω	Omni- Directional	44.50 x 23.50 x 20.25
STP-52	LF: 15" Cone HF: 2" VC Compression	40 Hz - 16 kHz	99 dB SPL	300 / 8 Ω	90° / 40°	30.00 x 18.75 x 18.50
STP-SLP-18	LF: 18" Cone	35 Hz - 2000 Hz	100 dB SPL	1000 / 8 Ω	Omni- Directional	17.00 x 28.75 x 28.75
			A 12			00

XT Series



XT Series

Performance at a great price!

Attention: musicians, artists, performers, houses of worship, DJ's - do you want a great performing loudspeaker without breaking the bank? The XT Series of loudspeakers and monitors are available from Grund Audio Design.

Each model includes a high performance, true 1" compression driver with a replaceable diaphragm. The crossover network is a 2nd order design to help eliminate feedback and allow peak performance from the components. The woofers are designed and tested to deliver high performance.

All models are equipped with the GAD Infinity™ high frequency protection circuit. This circuit protects your high frequency driver from excessive DC current that is produced by distortion or overdriving the system. Instead of damaging your components, the Infinity™ circuit will help protect your investment for the long haul. Black carpet finish is standard on all XT Series models.



XT-12T and XT-15S pictured with adjustable pole

GAD XT SERIES - Designed by musicians, for musicians.





XT Series



XT-12T









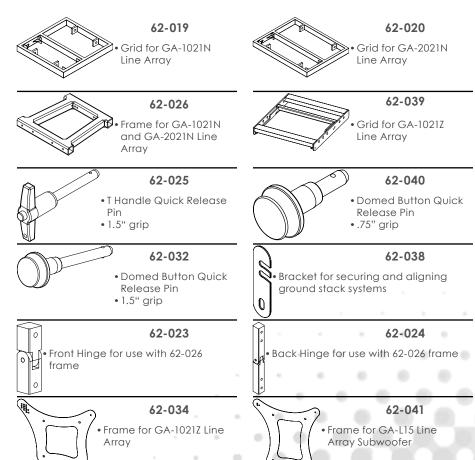
Model Number	Drivers	Frequency Response	Sensitivity	Watt / ohm	Dispersion H / V	Dimensions H x W x D
XT-12M	LF: 12" Cone HF: 1" Compression	55 Hz - 19 kHz	101 dB SPL	150 / 8 Ω	90° / 40°	20.75 x 17.00 x 15.00
XT-12T	LF: 12" Cone HF: 1" Compression	55 Hz - 19 kHz	101 dB SPL	150 / 8 Ω	90° / 40°	20.75 x 17.00 x 15.00
XT-15M	LF: 15" Cone HF: 1" Compression	52 Hz - 19 kHz	100 dB SPL	200 / 8 Ω	90° / 40°	24.50 x 20.75 x 16.63
XT-15S	LF: 15" Cone	50 Hz - 500 Hz	100 dB SPL	200 / 8 Ω	Omni- Directional	24.50 x 20.75 x 16.63
XT-15T	LF: 15" Cone HF: 1" Compression	50 Hz - 19 kHz	100 dB SPL	200 / 8 Ω	90° / 40°	24.50 x 20.75 x 16.63
XT-18S	LF: 18" Cone	45 Hz - 500 Hz	100 dB SPL	450 / 8 Ω	Omni- Directional	24.50 x 20.75 x 24.50
XT-30T	LF: 2 x 15" Cone HF: 1" Compression	40 Hz - 19 kHz	102 dB SPL	300 / 4 Ω	90° / 40°	40.50 x 20.75 x 16.63

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Parts & Accessories

Line Array Accessories

Grund Audio offers a complete line of accessories and replacement parts made exclusively for its line array products. These parts are manufactured to meet stringent safety standards required for rigging applications.



Mounting Accessories

Grund Audio offers several installation solutions to meet the challenges of the marketplace. Choose 2x2 fly brackets, or fly track extrusion for in-air suspension. Wall mount brackets are available with horizontal and vertical adjustments and also pole mounting capability. U-brackets offer a solution for vertical or horizontal mounting. Pole mounts are available on some models to use with portable tripod stands.



62-001

"2 x 2" Internal Bracket3/8" threaded inserts



62-002

- Fly Bolt for 62-001
- .38-16 x 1.25"
- Flat head



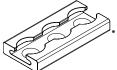
62-028

 Single Point Stud Fitting for 62-030 Fly Track



62-029

 Double Point Stud • Fitting for 62-030 Fly Track



62-030

Fly Track for GT Series



62-031

Internal Brace for 62-030



62-033

- Forged Shoulder Eye Bolt
- .38" x 1.25"
- Fits all GAD 62-001 2x2 fly points



62-037

- Fly Bolt for 62-001
- .38-16 x 2"
- Button head



75-401P

- Wall Bracket-Multi Directional
- 60# Weight capacity
- Sold in pairs only



75-408P

- Wall Bracket-Multi Directional
- 30# Weight capacity
- Sold in pairs only



75-410P

 Wall Bracket 50# Weight capacity Sold in pairs only



75-414P & 75-814P

 U-Bracket, Black or White • H - 15.9" W - 3" D - 11.13" Sold in pairs only



75-417P & 75-817P

- U-Bracket, Black or White
- H 19.25" W 3" D 11.13"
- Sold in pairs only



75-418P & 75-818P

 U-Bracket, Black or White • H - 23.75" W - 3" D - 11.13" Sold in pairs only



75-422P & 75-822P

- U-Bracket, Black or White • H - 13" W - 3" D - 6"
- Sold in pairs only



75-451 & 75-851

- U-Bracket, Black or White
- For UB-16RN
- H 26.81" D 10.13"



75-452 & 75-852

- Array Kit for UB-16RN
- Includes brackets, 2 handles, and stand mount adapter



Pole Mount Accessories

Grund Audio offers replacement pole mounts, tripod stands, and satellite poles.



45-003

Metal • 35mm, 1.38"



45-004

- Plastic
- 35mm, 1.38"

78-001• Speaker Tripod with Crank

110# cap, 35mm-1.38"Maximum height: 9'

78-003P

• Dual Speaker Mount
• Adjustable width



78-023

83# weight capacity

Metal External Adaptor

Fits 1.38" (35mm) stands or poles, and GAD U-brackets

78-002

 Speaker Tripod - Adjustable Height 80# capacity, 35mm - 1.38"

• Maximum height: 8'

78-022P

- Pole with Adjustable Height
- Minimum H 33.5" maximum H 52.5"
- Fits 1.38" (35mm) pole mounts

78-024

- Adjustable Height with Crank
- Minimum H 33" maximum H 55"
- Fits 1.38" (35mm) pole mounts

Covers

Keep your GP Series powered speakers protected with custom fit nylon covers. Each cover is custom fit with a handle cut-out and a zipper closure to completely surround the speaker.



75-501

• Cover for GP-310A



75-502

Cover for GP-312A



75-503

Cover for GP-315A

Cart

The Grundorf Road-Runner Cart is ideal for musicians, DJ's, sales reps, trade shows, schools, corporate, and many other applications. A completely collapsible handle and platform allow this cart to fold to the size of a briefcase. Strong and lightweight aluminum framing makes it easy to transport. The base may be used in two positions to accommodate small or large loads.

Two swivel and two rigid casters are installed to give better steering control. The wheel brakes allow the cart to stay stationary while loading.

73-001

- Road-Runner CartCollapsible, light weight
- 300 # capacity

Microphone Accessories

Grundorf Mic Stands give you the reliability you want, plus are light weight and portable. They come with a mic clip as standard equipment. Check out the New Micorphone Pop Screen.



77-002

- Microphone Stand with Clip
- Stand height adjusts 30.25" to 57"
- Mic clip is included



77-003

• Microphone Stand with Boom and Clip

Adjustable boom angle & length



77-010

Microphone Pop Screen6" dual-screen mesh filterIncludings clamping system

Casters

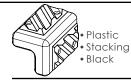
Grundorf Replacement Casters. Find more items on our website at: www.GrundAudio.com.



37-009

Corners

Grundorf Replacement Corners. Find more items on our website at: www.GrundAudio.com



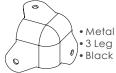
32-002



32-004

Metal2 Leg with 3/4" Wrap

• Black



32-005

Feet

Grundorf Replacement Feet. Find more items on our website at: www.GrundAudio.com



40-001

Rubber FootBlack

• Diameter - 1.5" H - .75"



40-004

Plastic Domed Foot

• Black

• H-1" W-2.4" D-1.17"



40-006

Rubber FootBlack

• Diameter 2.5" H - 1"

Terminal Cups

Grund Audio Terminal Cups are available in many different connector configurations to fit every application requirement.



60-001

PlasticTwo binding posts

• H - 3.13" W - 3.13"



60-003

• Drilled for two 1/4" inputs

• H - 3.38" W - 3.38"

Metal

Plastic



60-006

Plastic
Two binding posts
H - 3.13" W - 3.69"



60-007

• Two NL4 and two 1/4" • H - 3.5" W - 5.38"



60-008

• Two NL4 • H - 3.5" W - 5.38"



60-107

Plastic

• Two NL4, 100W atten.

Biamp Switch

Handles

Grundorf Replacement Handles. Find more items on our website at: www.GrundAudio.com.



- 31-008
- Pocket
- Plastic, Black
- H-3.38" W-5.29" D 2.65"



- 31-014
- Recessed with Metal Grip
- Metal, Black
- H 8.66" W 6.38" D 2.48"



- 31-015
- Teardrop with Plastic Grip
- Plastic, Black
- H 9.1" W 7.5" D 2.5"



31-016

- Surface, Rubber
- Steel reinforced
- H 1.16" W 10.0"



31-018

- Round with Plastic Grip
- Plastic, Black
- Diameter 7.5" D 2.53"



31-023

- Edge Mount, Metal Grip
- Plastic Dish, Black
- H-4.83" W-6.80" D-4.83"



31-024

- Recessed with Metal Grip
- Plastic Dish, Black
- H-6.00" W-6.92" D-2.33"

61-004

Connectors

Grund Audio offers replacement connectors standard to the industry.



- 1/4" Mono Input Jack Assembly
- Plastic, Black



- NI 4
- Black

Electronic Parts

Grund Audio offers quality replacement parts to keep your gear working. It may be a good idea to keep a few spare parts on hand for those times when stuff happens.



- 79-001
- Interface Cable Links multiple DP-26C's



- 54-005
- Attenuator • 50 Watt
 - 8 Ohm



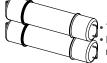
54-006

- Attenuator • 100 Watt
- 8 Ohm



54-007

- Single Bulb HF Protection for horns
- rated up to 70W



54-008

- Twin Bulb HF Protection for horns
- rated 75W-125W



54-009

Quad Bulb HF Protection for horns rated 130W-250W

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