



ARCHITECTURAL AUDIO

ABOUT US

DAVINCI THE GROUP



The DaVinci Group is a California company founded in 2012 by world renowned custom integration veterans that have a long history of creating iconic architectural products for some of the best-known brands in the industry. We utilize world-class engineering and experience to create products that are recognized as “best in class.” Never satisfied

to stay still we continue to create cutting edge products that have led the industry in many categories. Of course, the best products are nothing without the best service. We have been repeatedly recognized for their award-winning customer service.

Driven by our personal desire to make commercial and residential audio sound as close as possible to the real performance, we strive to recreate music as accurately as possible. Every spot of the home or office should be considered a personal listening venue or home theater. While The DaVinci Group is one Company it features two distinct brands, TDG Audio and Vanguard Dynamics.

Jeff Francisco, CEO and President of The DaVinci Group, has a rich background in music and loudspeaker design, having pioneered custom installed speakers at SpeakerCraft before co-founding The DaVinci Group – TDG Audio in 2012 with Alex Chiou, CTO, who started in car audio before advancing to high-end speaker development at Meiloon and SpeakerCraft. Together, we bring decades of expertise in audio engineering and manufacturing, driving The DaVinci Group to innovate high-quality architectural sound solutions.



About Our Model Names and Numbers

TDG Audio stands for The DaVinci Group, drawing inspiration from Leonardo da Vinci's mastery of both art and science as a core principle of our company.

A TDG Audio Model Name & Number Primer

Style and Configuration

NFC = No Flange Ceiling

Add an **M** for Marine Models NFC 62M

Add an **A** for Angled models NFC-83A

NFW = No Flange In-Wall Speaker

NFLCR = No Flange In-Wall Speakers Designed for
Left, Center, Right Home Theater Use.

NFS = No Flange Shallow Depth

IWS = In Wall Subwoofer

ROS = Radiate Outdoor Speaker

RLPS = Radiate Landscape Pendant Speaker

Speaker Size

The first number in a model name indicates the speaker size.

4 = 4" NFC-42

5 = 5" NFLCR-53

6 = 6" NFC-61

8 = 8" NFC-83

10 = 10" IWS-10

Speaker Materials

The second number in a model name indicates the woofer and tweeter materials.

1 = Polypropylene Woofer & Soft Dome or
Polypropylene Tweeter: NFC-61

2 = Aluminum Woofer & Aluminum Tweeter: NFC-62

3 = Kevlar Woofer & Titanium Tweeter: NFC-63

Technologies and Features

STT = When you see this in a model number it indicates that it has our Stereo Tweeter Technology that features a dual voice coil tweeter. NFC-61**STT**

T = If the model's name includes a T it indicates the model has a transformer and is capable of 70v and 100v operation. ROS-8**T**

The Story Behind the Name

VITRU: Our new series of amplifiers is named VITRU. One of Leonardo da Vinci's most famous works was a drawing of the Vitruvian man. He was inspired by the works of Vitruvius, the ancient Roman architect.

ENGINEERING EXCELLENCE



The TDG Audio NFC Series speakers are designed for high-performance sound reproduction, offering both 6.5-inch and 8-inch woofer options for precise bass response. They feature pivoting 1-inch high-frequency tweeters and three-position bass and treble adjustments, allowing users to fine-tune their listening experience.

TDG | Engineering Difference | NFC Series

Pivoting 1 Inch high frequency tweeter.

Raised 0.5mm neodymium magnets eliminates vibration between the grill and flange.

Three-position bass adjustments to fine tune any listening preference.

Three position treble adjustments to fine tune any listening preference.

XTS™ moisture seal treated crossover.

EZ hold tweeter bridge for ergonomic handling during installation.

Integrated rear debris cover.

High power and excursion 8 or 6.5 Inch woofers for precise bass reproduction.

Pre-threaded hole and extra wide threaded screws for quick dogleg fastening.

One piece woofer and baffle frame design to maximize rigidity.

Detachable 2 part dogleg can be adjusted from Zero to 1.5 Inch thick surfaces.

Large and heavy motor structures for superior power handling.

Anti-corrosion gold plated terminals and strong spring strength to prevent pulled wires.

Engineered for durability and ease of installation, the speakers include a moisture-sealed crossover (XTS™), an integrated rear debris cover, and a rigid one-piece woofer and baffle frame. They utilize raised neodymium magnets to minimize vibration and an EZ-hold tweeter bridge for ergonomic handling.

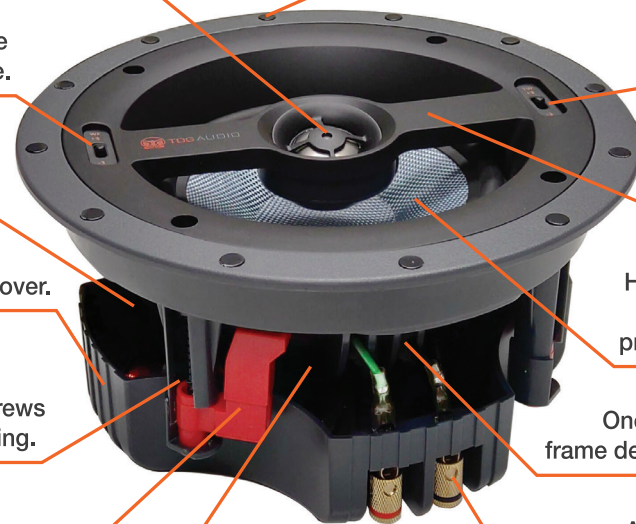




TABLE OF CONTENTS

www.TDGAudio.com



IN-CEILING
SPEAKERS

1



IN-WALL
SPEAKERS

8



SUBWOOFER
SPEAKERS

10



OUTDOOR
SPEAKERS

12



AMPLIFIERS

16



PRECONSTRUCTION
BRACKETS

19



www.VanguardDynamics.com



VAIL
AMPLIFIERS

20



IN-CEILING
SPEAKERS

21



OUTDOOR
SPEAKERS

22



VOLUME
CONTROLS

24

Whole Home
Audio Should
Be This Easy

NFC ARCHITECTURAL SERIES

The NFC Architectural Series is ideal for both Home Theater and Distributed Audio. The wide range of performance and prices makes it ideal for any installation.

**LIMITED
LIFETIME
WARRANTY**



NFC-63

6.5" (165.1mm) Kevlar
Trueform™ Woofer
1" (25.4mm) Titanium
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling : 5/175 WPC
Sensitivity: 89dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 45Hz – 20kHz
LIFETIME WARRANTY



NFC-83

8" (203.2mm) Kevlar
Trueform™ Woofer
1" (25.4mm) Titanium
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling : 5/175 WPC
Sensitivity: 89dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 36Hz – 20kHz
LIFETIME WARRANTY



NFC-62

6.5" (165.1mm) Aluminum
Trueform™ Woofer
1" (25.4mm) Aluminum HDAlloy™
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/110 WPC
Sensitivity: 88dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 47Hz – 20kHz
LIFETIME WARRANTY



NFC-82

8" (203.2mm) Aluminum
Trueform™ Woofer
1" (25.4mm) Aluminum HDAlloy™
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/150 WPC
Sensitivity: 89dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 39Hz – 20kHz
LIFETIME WARRANTY



NFC-61

6.5" (165.1mm) Polypropylene
Trueform™ Woofer
1" (25.4mm) Soft Dome
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/90 WPC
Sensitivity: 88dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 48Hz – 20kHz
LIFETIME WARRANTY



NFC-81

8" (203.2mm) Polypropylene
Trueform™ Woofer
1" (25.4mm) Soft Dome
Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/125 WPC
Sensitivity: 88dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 40Hz – 20kHz
LIFETIME WARRANTY



NFC-42

4" (101.6mm) Aluminum
Trueform™ Woofer
0.75" (20mm) Aluminum
HDAlloy™
Pivoting Tweeter
Power Handling: 5/95 WPC
Sensitivity: 86dB SPL
Impedance: 8Ω
FR: 58Hz – 20kHz
LIFETIME WARRANTY



NFC ANGLED SERIES



The NFC Angled Series expands upon the NFC Series by providing an angle to better direct the sound to the listener. These speakers are ideal for use in Home Theater.



NFC-83A

8" (203.2mm) Angled Kevlar Trueform™ Woofer
1" (25.4mm) Titanium Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/175 WPC
Sensitivity: 89dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 36Hz – 20kHz
LIFETIME WARRANTY



NFC-63A

6.5" (165.1mm) Angled Kevlar Trueform™ Woofer
1" (25.4mm) Diamond Cut Titanium Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/150 WPC
Sensitivity: 89dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 45Hz – 20kHz
LIFETIME WARRANTY



NFC-61A

6.5" (165.1mm) Angled Polypropylene Woofer
1" (25.4mm) Soft Dome Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/90 WPC
Sensitivity: 88dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 48Hz – 20kHz
LIFETIME WARRANTY

NFC MARINE SERIES

The NFC Marine Series is designed to resist harsh outdoor environments. They are ideal for both marine and waterfront home installations.

IP-66 Rated
Military Standard 810G



NFC-82M

8" (203.2mm) Aluminum
Trueform™ Woofer
1" (25.4mm) Aluminum HDAloy™
Pivoting Tweeter
IP-66 Rating
for Protection against heavy sea
and powerful jets of water
Conforms to Military Standard
810 G for humidity, salt spray,
temperature and UV
Power Handling: 5/150 WPC
Sensitivity: 88dB SPL
FR: 39Hz – 20kHz
LIFETIME WARRANTY

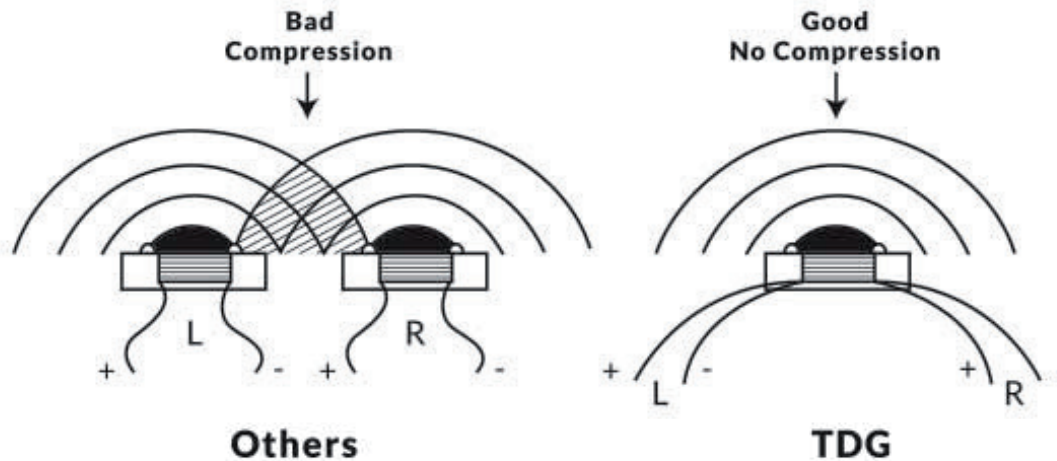


NFC-62M

6.5" (165.1mm) Aluminum
Trueform™ Woofer
1" (25.4mm) Aluminum
HDAloy™ Pivoting Tweeter
IP-66 Rating
for Protection against heavy sea
and powerful jets of water
Conforms to Military Standard
810 G for humidity, salt spray,
temperature and UV
Power Handling: 5/110 WPC
Sensitivity: 88dB SPL
FR: 47Hz – 20kHz
LIFETIME WARRANTY

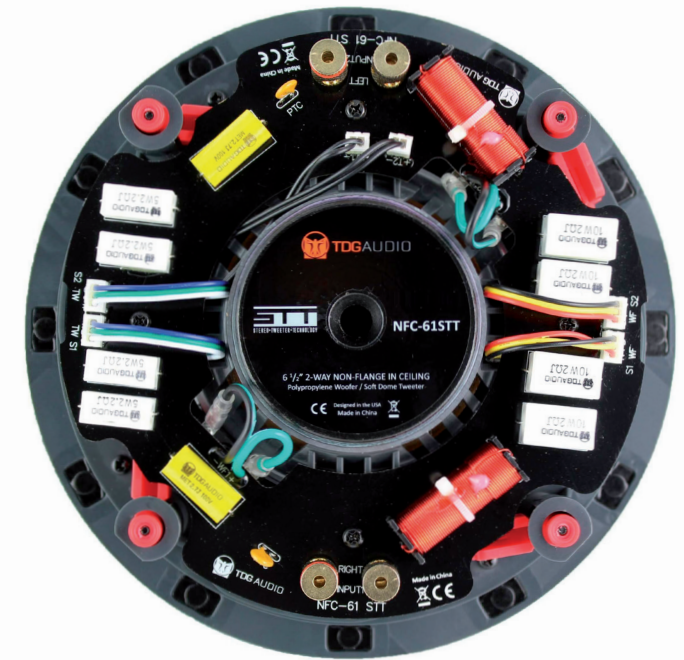


STEREO TWEETER TECHNOLOGY



NFC-61STT
 6.5" (165.1mm) DVC Polypropylene
 Trueform™ Woofer
 1" (25.4mm) STT Soft Dome
 Pivoting Tweeter
 +/- 3dB Tweeter & Bass Settings
 5/90 WPC Power handling
 Sensitivity: 88dB SPL
 Impedance: 4Ω-6Ω-8Ω (+/-3dB)
 FR: 48Hz – 20kHz
 LIFETIME WARRANTY

- A world-first innovation unique to this speaker company
- Avoids the compression and distortion caused by traditional dual-tweeter designs
- Utilizes Stereo Tweeter Technology with a dual voice coil tweeter
- Ensures better acoustic delivery with low distortion
- Provides a more musical and high-fidelity listening experience



STEREO•TWEETER•TECHNOLOGY

SHALLOW DEPTH SPEAKER

The NFS is designed to solve the challenges of shallow mounting spaces. The narrow design can fit into spaces with as little as 50mm (under 2") in depth. They are ported to maximize the performance in a small footprint.



NFS-61-5CM

6.5" (165.1mm) Polypropylene
Trueform™ Woofer
0.5" (12.7mm) Soft Dome Tweeter
Power Handling: 5/50 WPC
Sensitivity: 88dB SPL
Impedance: 8Ω
FR: 72Hz – 20kHz
Shallow 1.95" (49.5mm) Mounting Depth
LIFETIME WARRANTY



Shallow
1.95"
(49.5mm)
Mounting
Depth

The Factor Series has all the world class engineering and design of TDGs premium products, but at a value price. The clean modern look and design features a dimpled pattern that assists in acoustic performance. It is available in 6.5", 8" and 6.5" Commercial 70/100v designs.

Concave
Dimple
Pattern



FACTOR SERIES



FACTOR 800

8" (203.2mm)
Polypropylene Woofer
0.5" (12.7mm) PEI Tweeter
Power Handling: 5/80 WPC
Sensitivity: 87db SPL
Impedance: 8Ω
FR: 41Hz – 20kHz
LIFETIME WARRANTY



FACTOR 600

6.5" (165.1mm)
Polypropylene Woofer
0.5" (12.7mm) PEI Tweeter
Power Handling: 5/70 WPC
Sensitivity: 87dB
Impedance: 8Ω
FR: 52Hz – 20kHz
LIFETIME WARRANTY



FACTOR 600T

6.5" (165.1mm)
Polypropylene Woofer
0.5" (12.7mm) PEI Tweeter
Power Handling: 5/70 WPC
Sensitivity: 87dB
Impedance: 8Ω/100V/70V
FR: 52Hz – 20kHz
Tap Settings
– 100V: 8Ω, 18W, 9W, 4.5W
– 70V: 8Ω, 18W, 9W, 4.5W, 2.25W
LIFETIME WARRANTY

SKYBAR LCR & SATELLITE

The Skybar Series is ideal for not only offering 3 channels (LCR) or 2 channels (SAT) in one footprint but really shows it's performance when used as a single full-range speaker once the switch is set to the full-range option.

One unique solution is to use two Skybar LCRs to create a virtual center channel by placing them at the left and right of the screen and running the center channels of each in parallel.



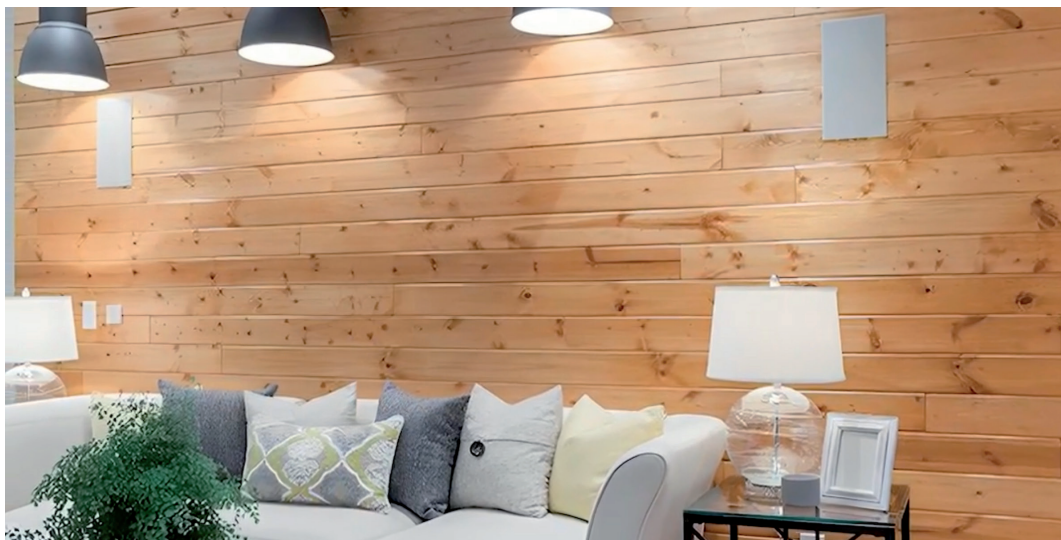
Skybar LCR

6 x 3" (76.2mm) Full Range
Driver Array
1" (25.4mm) Titanium
Pivoting Tweeter
Power Handling: 5-150W
Sensitivity: 92dB
Impedance: 8Ω load
FR: 120Hz – 20kHz
LIFETIME WARRANTY



Skybar Satellite

Dual 3" (76.2mm) Full Range
Driver Array
Single 3" (76.2mm) Full Range
Reflecting Surround
1" (25.4mm) Titanium
Pivoting Tweeter
Power Handling: 5-150W
Sensitivity: 89dB
Impedance: 8Ω load
FR: 120Hz – 20kHz
LIFETIME WARRANTY



The NFLCR Series delivers high SPL and great bass in an attractive in-wall footprint. The dual 5" woofers work together to provide the bass performance usually found in 8" woofers. They are ideal for Home Theater as they can fit horizontally between studs.



NFLCR SERIES



NFLCR-53

Dual 5" (127mm) Kevlar Trueform™ Woofers
Single 1" (25.4mm) Diamond Cut Titanium Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/150 WPC
Sensitivity: 87dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 51Hz – 20kHz
LIFETIME WARRANTY



NFLCR-51

Dual 5" (127mm) Polypropylene Trueform™ Woofers
Single 1" (25.4mm) Soft Dome Pivoting Tweeter
+/- 3dB Tweeter & Bass Settings
Power Handling: 5/115 WPC
Sensitivity: 87dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 54Hz – 20kHz
LIFETIME WARRANTY



The NFW Series on in-wall speakers is ideal for use in both distributed audio and home theater.

NFW SERIES



NFW-63

6.5" (165.1mm) Kevlar
Trueform™ Woofer
1" (25.4mm) Diamond Cut
Titanium Pivoting Tweeter
+/- 3db Tweeter & Bass Settings
Power Handling: 5/150 WPC
Sensitivity: 88 dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 45Hz – 200Hz
LIFETIME WARRANTY



NFW-61

6.5" (165.1mm) Polypropylene
Trueform™ Woofer
1" (25.4mm) Soft Dome
Pivoting Tweeter
+/- 3db Tweeter & Bass Settings
Power Handling: 5/100 WPC
Sensitivity: 87 dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR: 55Hz – 20kHz
LIFETIME WARRANTY

LIMITED
LIFETIME
WARRANTY



NFW-62

6.5" (165.1mm) Aluminum
Trueform™ Woofer
1" (25.4mm) Aluminum
Pivoting Tweeter
+/- 3db Tweeter & Bass Settings
Power Handling: 5/120 WPC
Sensitivity: 88 dB SPL
Impedance: 4Ω-6Ω-8Ω (+/-3dB)
FR 51Hz – 20kHz
LIFETIME WARRANTY

SIGNATURE SERIES IN-WALL SPEAKERS

The Signature Series is designed to meet the demands of dedicated home theater use and the high SPL and power demands that are associated with it.

The IWLCR-66v2 can be used for Left, Right, and Center as well as any effects or reach channels. The IWS-210 is ideal for low-end fill. The IWS-10 provides fantastic bass for any system.

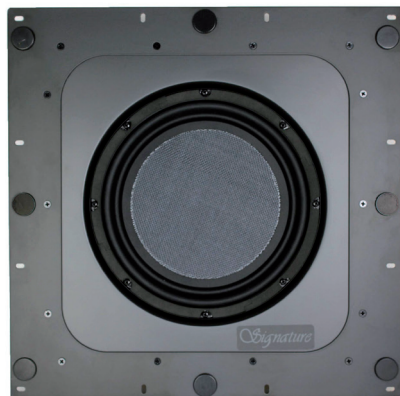


IWLCR-66v2

Dual 6.5" (165.1mm) Reinforced Paper Cone Woofers
Single 4" (101.6mm) Midrange Driver
Ribbon Tweeter
Power Handling: 30-125 watts
Sensitivity: 91dB
Impedance: 4Ω Load
FR: 60Hz-20kHz
LIFETIME WARRANTY



**LIMITED
LIFETIME
WARRANTY**



IWS-10

10" (254mm) Aluminum Subwoofer
Sensitivity: 89dB
Impedance: 4Ω Load
FR: 35Hz – 200Hz
LIFETIME WARRANTY



IWS-210

10" (254mm) Carbon Fiber Subwoofer
10" (254mm) Carbon Fiber Passive Radiator for Deeper Bass with Lower Noise than Ports
Sensitivity: 91dB
Impedance: 4Ω Load
FR: 35Hz – 200Hz
LIFETIME WARRANTY

IN-CEILING SUBWOOFER

Placing subwoofers into a room is often difficult due to the lack of floor or wall space. The In-Ceiling Subwoofer solves the problem by placing the subwoofer in the one area of the room where there is almost always the space, the ceiling. It is ideal for media rooms or distributed audio systems that demand more bass.



ICSUB-8

8" (203.2mm) Paper Cone,
Rubber Surround
Power Handling RMS: 150W
Sensitivity: 87 dB
Impedance: 4Ω
FR +/-3: 40-250 Hz
Termination:
Standard Rotary Connector
LIFETIME WARRANTY



Overhead
Bass

Gold
Plated
Terminals



RADIATE SERIES SPEAKERS

- Designed for the highest audio quality and unmatched durability.
- Features passive radiators to enhance bass performance and power handling.
- Compact design provides rich sound without enlarging the enclosure.
- Built to withstand outdoor conditions with IP-66 construction standards.
- Resistant to high-pressure water, extreme weather, humidity, salt, temperature, and UV exposure (Military Standard 810G).
- Sealed terminals and switches to prevent water intrusion.



ROS-8T Black

8" (203.2mm) Aluminum Cone Woofer
 1" (25.4mm) Aluminum Dome Tweeter
 Power Handling: 5-150 Watts
 Sensitivity: 89dB SPL
 Impedance: 8Ω / 70V / 100V
 FR: 50Hz – 20kHz
 70V Tap Settings:
 – N/C, 8Ω, 25W, 12.5W, 6.25W and 3.12W
 100V Tap Settings:
 – N/C, 8Ω, 50W, 25W, 12.5W, and 6.25W

Contour Fit Leak-Resistant Rubber Port Covers



Bottom Port = Terminals



Top Port = Tap Settings



ROS-8T White

8" (203.2mm) Aluminum Cone Woofer
 1" (25.4mm) Aluminum Dome Tweeter
 Power Handling: 5-150 Watts
 Sensitivity: 89dB SPL
 Impedance: 8Ω / 70V / 100V
 FR: 50Hz – 20kHz
 70V Tap Settings:
 – N/C, 8Ω, 25W, 12.5W, 6.25W and 3.12W
 100V Tap Settings:
 – N/C, 8Ω, 50W, 25W, 12.5W, and 6.25W

RADIATE SERIES SPEAKERS

- Designed for the highest audio quality and unmatched durability.
- Features passive radiators to enhance bass performance and power handling.
- Compact design provides rich sound without enlarging the enclosure.
- Built to withstand outdoor conditions with IP-66 construction standards.
- Resistant to high-pressure water, extreme weather, humidity, salt, temperature, and UV exposure (Military Standard 810G standards).
- Sealed terminals and switches to prevent water intrusion.
- Ideal for various outdoor environments.



ROS-6T White

6.5" (165.1mm) Aluminum Cone Woofer
 1" (25.4mm) Aluminum Dome Tweeter
 Power Handling: 5-125 Watts
 Sensitivity: 88dB SPL
 Impedance: 8Ω / 70V / 100V
 FR: 55Hz – 20kHz
 70V Tap Settings:
 – N/C, 8Ω, 20W, 10W, 5W, and 2.5W
 100V Tap Settings:
 – N/C, 8Ω, 40W, 20W, 10W, and 5W



Tap Settings and Terminal Port



Form Fitting Leak-Resistant Rubber Port Cover



ROS-6T Black

6.5" (165.1mm) Aluminum Cone Woofer
 1" (25.4mm) Aluminum Dome Tweeter
 Power Handling: 5-125 Watts
 Sensitivity: 88dB SPL
 Impedance: 8Ω / 70V / 100V
 FR: 55Hz – 20kHz
 70V Tap Settings:
 – N/C, 8Ω, 20W, 10W, 5W, and 2.5W
 100V Tap Settings:
 – N/C, 8Ω, 40W, 20W, 10W, and 5W

RADIATE SERIES SPEAKERS INDOOR / OUTDOOR



Passive
radiators
enhance
bass and
increase
power
handling



The RLPS Series ships standard with the accessories necessary for surface mounting, ground stakes, and pendant mounting.



RLPS-6T Tap Settings



RLPS-6T

6.5" (165.1mm) Aluminum
Cone Woofer
1" (25.4mm) Aluminum
Dome Tweeter
Power Handling: 5/100 WPC
Sensitivity: 87dB SPL
Impedance: 8Ω / 70V / 100V
FR: 80Hz – 20kHz
70V Tap Settings:
– N/C, 8Ω, 20W, 10W, 5W,
and 2.5W
100V Tap Settings:
– N/C, 8Ω, 40W, 20W, 10W,
and 5W



RLPS-5T Tap Settings



RLPS-5T

5" (127mm) Aluminum
Cone Woofer
1" (25.4mm) Aluminum
Dome Tweeter
Power Handling: 5/80 WPC
Sensitivity: 87dB SPL
Impedance: 8Ω / 70V / 100V
FR: 80Hz – 20kHz
70V Tap Settings:
– N/C, 8Ω, 15W, 7.5W, 3.75W,
and 1.87W
100V Tap Settings:
– N/C, 8Ω, 30W, 15W, 7.5W,
and 3.75W

OUTDOOR SUBWOOFER



OLS-SUBv2

10" (254mm) Dual Voice Coil
Aluminum Woofer
Power Handling: 200 Watts
Sensitivity: 87dB SPL
Impedance: 4Ω
FR: 35Hz – 200Hz

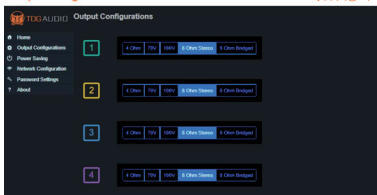
Designed for Use with DA-2.1
or SUBAMP-500 Amplifiers

The Outdoor Subwoofer is designed to provide exceptional bass in an easy to install footprint. While large burial type subwoofers can provide low bass, the bass can drop off over a short distance and the installation is difficult. Installing multiple OLS-Subv2s can provide more even bass coverage and is flexible enough to be installed on the surface or partially buried.

MULTI-CHANNEL AMPLIFIERS

The VITRU 4 is our most advanced amplifier ever. It features high power output and flexible configuration via an easy-to-use GUI. It can operate at 8ohms, 70/100v, or both at the same time. It can be a high power 2-channel amplifier, a 4-channel amplifier or a subwoofer amplifier. Bridge two channels to power one of our subwoofers and bridge the other two at 70v to daisy chain multiple satellite speakers for a complete outdoor system.

Output Configurations Section



VITRU 4

Preset Section



VITRU 4

Input Matrix Mixer Section



VITRU 4

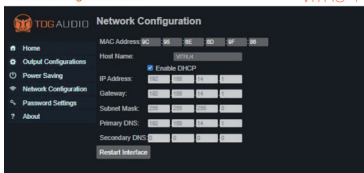
EQ Filter Section



VITRU 4

VITRU 4 GUI

Network Configuration Section



VITRU 4

DSP Section



VITRU 4

VITRU 4



4 Channel x 120 Watt Amplifier

Rack Mountable (1U Space Half Rack - 2 Fit side by side)

Power Output: 120 watts per channel into 4Ω, 8Ω or 70/100v

Output Configuration:

The following settings are available:

4x 120 watts into 4Ω

4x 120 watts into 8Ω

2x 240 watts into 8Ω*

(4Ω at your own risk) 2x 240 watts at 70 volts 2x 240 watts at 100 volts)

DSP Section:

– 0 dB = full power, e.g. ~ 120 watts

– 3 dB = half power, e.g. ~ 60 watts

– 6 dB = quarter power, e.g. ~ 30 watts

– 9 dB = eighth power, e.g. ~ 15 watts

5 YEAR PARTS & LABOR WARRANTY



DA-1260

12 x 60 W Per Channel Full Digital Amplifier

Rack Mountable (2U Space)

Toroidal Transformer Digital Amplifier Design

Bridged Power Output: 120 Watts at 8Ω

Input Impedance: >22K Ω

S/N Ratio: (A-WTD) 102dB

Rated Power Output: 60 Watts Per Channel at 4Ω / 50 Watts Per Channel at 8Ω

FR: ± 0.7dB, 20Hz to 20kHz, 8Ω – ± 1.5dB, 20Hz to 20kHz, 4Ω

Input Sensitivity: 900mV for 8Ω Rated Output

Damping Factor: >60

Separation: 70dB at 1KHz

Total Harmonic Distortion: <0.2% 20Hz to 20kHz

Fuse Rating: 120V Version: T12A/250V

5 YEAR PARTS & LABOR WARRANTY

DA-1260 and its predecessors have earned a reputation as the reliable workhorses of our multi-channel amplifiers. There are thousands reliably operating non-stop in both residential and commercial installations. Unlike ordinary amplifiers it provides 60 watts per channel with ALL channels operating. Our much longer than industry standard warranty reflects our pride in performance and reliability.

SATELLITE + SUBWOOFER AMPLIFIER



DA-2.1

Satellite and Subwoofer Amplifier
 Rack Mountable (1U Space)
 Optical, Coaxial, and AUX Inputs
 Independent Subwoofer Volume Adjustment
 Satellite and Subwoofer Adjustable Crossover Channels
 Sat Power Output: 110W @ 2Ω, 65W @ 4Ω, 40W @ 8Ω
 Sub Power Output: 170W @ 4Ω, 70W @ 8Ω
 Inputs: Optical Digital S/PIDF, Coaxial Digital, Auxiliary RCA
 Satellite Crossover: 40Hz – 150Hz (12dB/octave)
 Subwoofer Crossover: 40Hz – 150Hz (12dB/octave)
 Bass Phase Switch: 0 or 180 Degrees
 Frequency Response: 20Hz – 20kHz (+/- 0.2dB)
 Bass Boost: +4dB @45Hz
 Total Harmonic Distortion: 0.1% @ 1W
 AC Power: 115/230V or 50Hz/60Hz 600w
 5 YEAR PARTS & LABOR WARRANTY

The DA-2.1 is a unique TDG solution to meet the demands of custom integration. It combines a subwoofer amplifier and a 2-channel amplifier (capable of operating 4 speakers) into a single chassis. It is ideal for a simple all-in-one solution for use in landscape systems. Flexible settings and inputs make it ideal for any installation.

Ideal For Outdoor Sound Systems



Designed specifically to amplify our OLS-SUBv2 Subwoofer, RLPS and ROS Outdoor Speakers.

SUBWOOFER AMPLIFIER

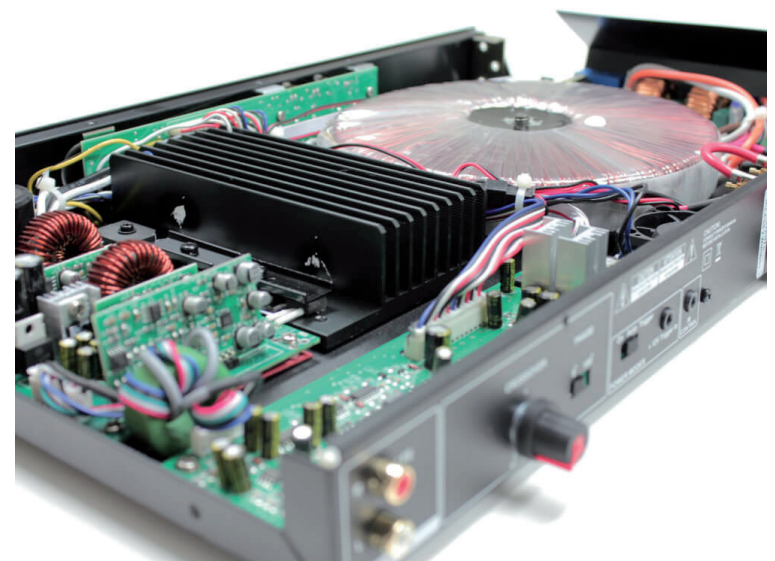


The SUBAMP-500 is a dedicated subwoofer amplifier designed to meet the demands of dedicated home theater or outdoor subwoofer installations. It power up to two subwoofers.



SUBAMP-500

High Power Dual Subwoofer Amplifier
 Rack Mountable (1U Space)
 Low Pass Filter Crossover Adjustment
 EQ Modes: Music (Flat), Movie (+8dB @40Hz)
 ON/Auto/12v Trigger
 Power Output: 312W RMS at 8Ω, 500W RMS at 4Ω
 Frequency Response: 18Hz-160Hz
 Low Pass Variable Filter: 40Hz-160Hz
 Phase: 0 and 180
 Distortion: 0.04% THD+N 1W/2W 100Hz
 Frequency Response 35Hz – 200Hz
 Efficiency 91dB
 Impedance 4Ω load
 Recommended Power: 200 watts
 5 YEAR PARTS & LABOR WARRANTY



PRE-CONSTRUCTION BRACKETS



5-Pack

PCBW-6

Pre Construction Bracket for
6.5" (165.1mm) Wall Speakers
Cut Out Dimensions:
10.92" (277.4mm) H x 7.125" (181mm) W
Mud Ring So Drywallers Know
Exactly Where to Cut
Handy Grid Markers To Easily Align
Multiple Rows of Speakers
Removable Debris Cover
integrated Wire Tie Loop
2" (50.8mm) x 14" (355.6mm) Aluminum
Snap Lock Perforated Wings
Color Coded Red
for 6.5" (165.1mm) Speakers
Fits TDG Audio NFW-6 Speakers

PCBC-8

Pre Construction Bracket for 8" (203.2mm) In-Ceiling Speakers
Adjustable Wings
Cut Out Dimensions:
9.75" (247.7mm)
Mud Ring So Drywallers Know
Exactly Where to Cut
Handy Grid Markers To Easily
Align Multiple Rows of Speakers
Removable Debris Cover
Integrated Wire Tie Loop
2" (50.8mm) x 12" (304.8mm) Aluminum Snap Lock
Perforated Wings
Color Coded Black for 8" (203.2mm) Speakers



5-Pack

PCBD-6

Pre Construction Bracket for 6.5" (165.1mm) In-Ceiling Speakers
Cut Out Dimensions: 8.25" (209.6mm)
Mud Ring So Drywallers Know
Exactly Where to Cut
Handy Grid Markers To Easily
Align Multiple Rows of Speakers
Removable Debris Cover
Integrated Wire Tie Loop
2" (50.8mm) x 13" (330.2mm) Aluminum Snap Lock
Perforated Wings
Color Coded Red for 6.5" (165.1mm) Speakers



5-Pack

PCBLCR-5

Pre Construction Bracket for
5" (127mm) n-Wall LCR Speakers
Cut Out Dimensions:
6.73" (171mm) H x 14.3" (163.2mm) W
Mud Ring So Drywallers
Know Exactly Where to Cut
Handy Grid Markers To Easily
Align Multiple Rows of Speakers
Removable Debris Cover
Integrated Wire Tie Loop
Screw Slots to Mount
Directly onto Studs
2" (50.8mm) x 14" (355.6mm) Aluminum
Snap Lock Perforated Wings
Color-Coded Blue
for 5" (127mm) Speakers
Fits TDG Audio NFLCR-5 Speakers



5-Pack

Skybar™ Pre-Construction Bracket

Width: 20.75" (2527mm)
Length: 27.75" (704.9mm)
Cutout Dimensions: 6" H x 25.5" W
(152mm x 648mm)
Material: Stainless Steel
Pre-Construction Bracket for
SKYBAR In-Ceiling Speakers



3-Pack

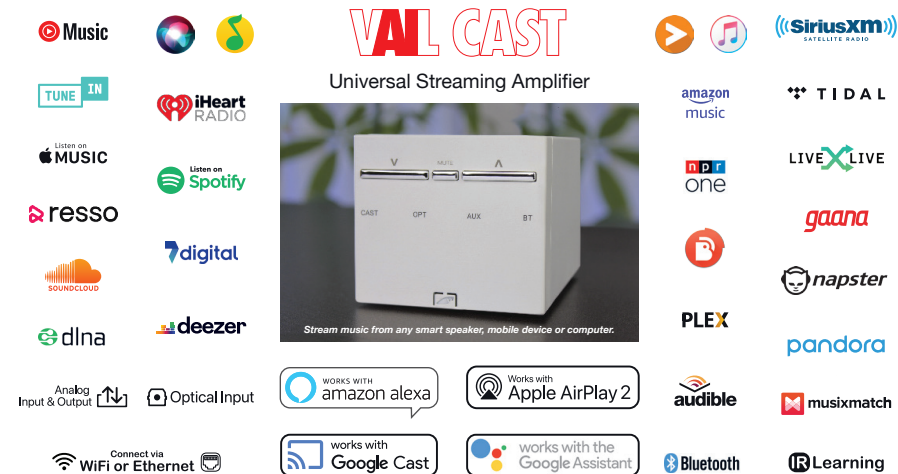
VAIL AMPLIFIERS

- Designed for high-quality audio in single-zone or whole-home systems
- Integrates seamlessly with Apple AirPlay 2, Google Assistant, and Amazon Alexa
- Delivers 60 watts per channel at 4 or 8 ohms
- Multiple connectivity options, including Wi-Fi, Ethernet, Bluetooth, optical input, and analog 3.5mm in/output
- Features IR learning for volume control via TV remotes



VAIL Cast

60W @ 4ohm or 8 ohm Class D Amplifier
Hi-Rez Audio (192KHz/24bits) Stereo
Works with Google Cast
Works with Google Assistant
Works with Alexa
Apple AirPlay 2
Spotify Connect
DLNA
Bluetooth
Optical Input
Analog 3.5mm Audio Input and Output
IR Learning to Control Volume from TV Remotes
Connect to your home network via Wi-Fi or Ethernet cable
1 YEAR PARTS & LABOR WARRANTY



VAIL AMP 3

2 x 30-watt stereo amplifier drives up to two pairs of speakers
Connects to 3rd generation Amazon Echo Dot and mounts it flush in your wall
4-/8-ohm output switch
CAT-5 cable and 16-gauge power cable included to connect wall plate module and amplifier
3.5mm audio input for Amazon Echo Dot
RJ-45 connector for wall plate module
Left and right speaker output terminals
Stereo analog RCA input
Mono RCA analog subwoofer output
5 YEAR PARTS & LABOR WARRANTY

CONTRACTOR SERIES SPEAKERS

- High-quality in-ceiling speakers for residential and commercial use
- Modern design with paintable aluminum grills
- Easy installation features like large push terminals and removable scrim cloth
- LIFETIME WARRANTY



CSC-601

6.5" (165.1mm)
Polypropylene Woofer
1" (25.4mm) Soft Dome
Pivoting Tweeter
Power Handling: 5/75 WPC
Sensitivity: 87dB SPL
Impedance: 8Ω
FR: 50Hz – 20kHz
LIFETIME WARRANTY



CSC-600

6.5" (165.1mm)
Polypropylene Woofer
0.5" (12.7mm) PEI Tweeter
Power Handling: 5/70 WPC
Sensitivity: 87db SPL
Impedance: 8Ω
FR: 52Hz – 20kHz
LIFETIME WARRANTY

INDOOR / OUTDOOR SPEAKERS



- The IOS-6 is a versatile 6.5-inch indoor/outdoor speaker designed for high-quality audio in various environments
- UV-treated, glass-filled ABS ported enclosure and aluminum grill ensure durability against weather elements
- Meets IP-66 and Military Standard 810G for resistance to high-pressure water, extreme temperatures, humidity, and UV exposure
- Includes a slotted mounting bracket for easy installation in any setting



IOS-6 Black

6.5" (165.1mm) High Excursion
Polypropylene Woofer
1" (25.4mm) PEI Dome Tweeter
Power Handling: 50W
Sensitivity: 89dB SPL
Impedance: 6Ω
FR: 60Hz – 20kHz
Slotted Bracket for Easy Install
UV Treated, Glass-Filled ABS
Ported Enclosure
Aluminum Grill

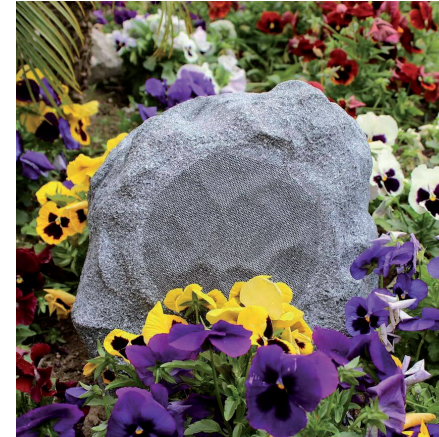


IOS-6 Black

6.5" (165.1mm) High Excursion
Polypropylene Woofer
1" (25.4mm) PEI Dome Tweeter
Power Handling: 50W
Sensitivity: 89dB SPL
Impedance: 6Ω
FR: 60Hz – 20kHz
Slotted Bracket for Easy Install
UV Treated, Glass-Filled ABS
Ported Enclosure
Aluminum Grill

OUTDOOR ROCK SPEAKERS

- Sleek outdoor rock speaker with a granite or sandstone finish
- Weather-resistant construction
- Security ring to deter theft



ORS-602G

6.5" (165.1mm) Aluminum Woofer
1" (25.4mm) Aluminum Tweeter
Durable All-Weather Construction
Resilient Aluminum Drivers
Security Ring on Bottom
to Prevent Theft
Power Handling: 5/100 WPC
Sensitivity: 89dB SPL
Impedance: 8Ω
FR: 78Hz – 20kHz



ORS-602S

6.5" (165.1mm) Aluminum Woofer
1" (25.4mm) Aluminum Tweeter
Durable All-Weather Construction
Resilient Aluminum Drivers
Security Ring on Bottom
to Prevent Theft
Power Handling: 5/100 WPC
Sensitivity: 89dB SPL
Impedance: 8Ω
FR: 78Hz – 20kHz

VOLUME CONTROLS



RVC-45

Rotary Auto-Former Volume Control
45W Power Handling
FR: 20Hz to 20kHz
Impedance Matching and Connect
up to 8 Pairs of Speakers
12 Step Linear Knob
Faceplate Colors: White, Beige,
and Almond
Depth: 2.75"
Width: 1.75"
Height: 2.75"
LIFETIME WARRANTY



RVC-100

Rotary Auto-Former Volume Control
100W Power Handling
FR: 20Hz to 20kHz
Impedance Matching and Connect
up to 8 Pairs of Speakers
12 Step Linear Knob
Faceplate Colors: White, Beige,
and Almond
Depth: 2.75"
Width: 1.75"
Height: 2.75"
LIFETIME WARRANTY



SVC-100

Slider Auto-Former Volume Control
100W Power Handling
FR: 20Hz to 20kHz
Impedance Matching and Connect
up to 8 Pairs of Speakers
12 Step Sliding Volume Attenuation
Faceplate Colors: White, Beige,
and Almond
Depth: 2.75"
Width: 1.75"
Height: 2.75"
LIFETIME WARRANTY





ARCHITECTURAL AUDIO

Digital Catalog



Contact us

[866-834-6321](tel:866-834-6321)

customerservice@tdgaudio.com

