



## SOUNDEXTREME VRCPAA-106 Floating Display Multimedia Source Unit Instruction Manual

[Home](#) » [SoundExtreme](#) » SOUNDEXTREME VRCPAA-106 Floating Display Multimedia Source Unit Instruction Manual 



CAR AUDIO

## Contents

- 1 VRCPAA-106 Floating Display Multimedia Source Unit
- 2 Entertainment Center General Information
- 3 Multimedia In-Dash Source Units
- 4 Digital Pre-Amp Amplifiers
- 5 Reserve Micro Amplifiers
- 6 Documents / Resources
  - 6.1 References

## VRCPAA-106 Floating Display Multimedia Source Unit

### Floating Display Multimedia Source Unit

#### VRCPAA-106

In-Car Entertainment System w/ Apple CarPlay, Android Auto, SiriusXM-Ready™ & Swiveling High Definition 10.6" LCD



### Entertainment Center General Information

ISO 2-DIN Chassis Installs in Most Newer Vehicles Universal Mounting Brackets & Hardware Included Apple CarPlay With Siri Eyes Free Built-In (VRCPAA only) Android Auto With Google Assistant Built-In (VRCPAA only) SiriusXM-Ready™ (vehicle tuner and subscription required) (VRCPAA only) Vertical Adjustment Mechanism for Optimum Viewing (VRCPAA-106) SmartSense Clear Glass Capacitive Touchscreen Bluetooth 4.2 Phone Calling + A2DP Audio Streaming 10-Band 14dB Boost/Cut Equalizer & Preset EQs Advanced FM/AM Tuner with RDS Data Display Accepts OEM Steering Wheel Control Wiring Wireless Direct Select Remote Control Included Rear View Camera Input w/ Manual & Auto-Trigger Front Camera RCA Input w/ On-Screen Trigger

#### SiriusXM Satellite Radio Ready (VRCPAA only)

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit

[www.siriusxm.com](http://www.siriusxm.com). vehicle tuner and subscription required. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.

### Turn-by-Turn GPS Navigation (VRN only)

Turn-by-Turn GPS Navigation w/ Route Guidance, Powered by iGo USA Map & +17 Million Point-of-Interest Database Included Map & POI Updates Available from Naviextras.com Choose Destination by Address, POI, or GPS Location On-Screen & Audible Text-to-Speech Commands Highway & Major Road Lane Departure Guidance



## Multimedia In-Dash Source Units

### VRCPAA-7D

In-Car Entertainment System w/ Apple CarPlay, Android Auto, SiriusXM-Ready™ & 7" LCD



### PhoneLink for Android (VRN & VR only)

Enabled Smart Device Mirrors Display to Head Unit 2-way Communication Enables Mobile Device Control Stay Connected without Handling Distracting Devices Retains Use of Smart Device's Voice Recognition Service Connection Requires Original USB Charging Cable 2A USB Charging Maintains Battery Life (front)

### Dynamic User Interface w/ SmartSense Touch

HD 10.6" 1,024×600 TFT LCD w/ Adjustable Backlight (VRCPAA-106) HD 7" 800×480 TFT-LCD w/ Adjustable Backlight (7D & 7HB) Pinpoint Accuracy Capacitive Touchscreen Low Reflection Industrial Grade Glass Top Panel Large Format User Interface Reduces Distraction 7 Color Selectable Touch Key Illumination



## Bluetooth V4.2 Hands-Free Wireless Connectivity

Hands-Free Profile Dials & Receives Calls & Displays Call Logs Phone Book Access Profile Displays Caller ID Info & Contacts Audio/Video Remote Control Profile Enables Playback Controls Advanced Audio Distribution Profile Streams Audio Wirelessly

### **USB Audio/Video Playback**

Video & Audio Playback from DVD, DVDR, CD, & CDR Discs MP3 & WMA Audio Files from 64GB USB or Micro/TF SD MP4, & H264 Video Files from 64GB USB or Micro/TF SD ID3 MP3 Tag Reading for Track & Artist Information

### **Audio/Video Configurations**

4Ch. 300w Max Class A/B Full Range Speaker Amplifier Built-in AUX Audio (3.5mm) Input for External Devices on Front Panel 5ch 4V Preamp RCA Outputs; Front + Rear + Subwoofer Audio/Video RCA Input & Video Output for Auxiliary Devices

### **RESERVE SUBWOOFERS**

In recent years, our subwoofers have evolved to meet various performance and placement goals, keeping your, the Soundstream fanatic, suggestions in mind. New for 2020, we introduce Reserve subwoofers, available exclusively to our Soundstream Reserve dealers. Premium materials & performance characteristics include over saturated 12mm top plate and t-yoke, high density poly-ether foam surround, & a massive 1,000w 3" voice coil. High density Spruce pulp cone and double poly-cotton blend suspension hold everything together. These behemoths are not for the faint-hearted....



Overcompensating Motor Structure for Increased Magnetic Strength 12mm T-Yoke & Top Plate Improve Low Frequency Dynamics Vented T-Yoke & Frame Reduces Voice Coil Heat Build-up Non-Magnetic Non-Resonate Die-Cast Aluminum Frame 3" 4-Layer Voice Coil w/ Direct Connect Wire Increases Power Handling High-Temperature Tolerance Adhesives Resist Thermal Failure Non-Transfer Spruce Pulp Cone w/ UV & Chemical Protection Stitched and Glued Surround/Cone Joints for Strongest Bonding Extended Excursion Poly-ether Foam Surround w/ UV Protection Dual Poly-Cotton Suspension Dampen Violent Accelerations 1-pc Gasket/Trim Ring w/ Concealed Mounting Holes Included

RESERVE SUBWOOFER	SW.122	RSW.1 2	RSW.152
MAX POWER (WATTS)	1.800W	2,600W	
RMS POWER (WATTS)	900W	1.300w	
EFFICIENCY (1W/1M DB)	83.5DB	88DB	
VOICE COIL CONFIGURATION	3" DVC 2Ω	3" DVC 4Ω	3° DVC 20
			3" DVC 40
MOUNTING DEPTH	6.25"	9.25	
OPTIMUM SEALED Box	0.75FT³	2.00FT³	
OPTIMUM PORTED Box	125FT³	4.00FT³	

### REFERENCE SUBWOOFERS

Third Generation Soundstream Reference Frame Oversaturated Motor Structure for Increased Magnetic Strength  
 12mm Vented T-Yoke & Top Plate Improve Low Frequency Dynamics  
 317oz Double Stack Magnet, T-Yoke & Top Plate  
 2.5" 4-Layer Voice Coil w/ Large Gauge Wire Increases Power Handling  
 High-Temperature Tolerance  
 Adhesives Resist Thermal Failure  
 Inverted Roll Polyether Foam Surround w/ UV & Chemical Protection  
 Oversized Concave IMPP Primary Cone Increases Effective Surface Area  
 Non-Transfer Spruce Pulp Cone w/ UV & Chemical Protection  
 Acoustic Canceling Polyvinyl Chloride Gasket & Trim Ring  
 Nickel Plated 12ga Spring-Loaded Compression Wire Terminals  
 Stitched Voice Coil Leads Prevent Potential Damage  
 Dual Poly-Cotton Suspension Dampen Violent Accelerations



REFERENCE R5	R5.122	R5.124
MAX POWER (WATTS)	2,000W	
RMS POWER (WATTS)	1.000W	
EFFICIENCY (1W/1M)	85.00DB	
VOICE COIL CONFIGURATION	2.50" DVC 2Q	2.50" DVC 4Q
MOUNTING DEPTH	7.00"	
OPTIMUM SEALED FT <sup>3</sup>	1.00R <sup>3</sup>	
OPTIMUM PORTED FT <sup>3</sup>	2.00FT <sup>3</sup>	

When it comes to making affordable speakers worth listening too, you must think outside of the box. Reserve speakers uses non-traditional materials to be innovative, while maintaining great sound. Everyone agrees paper sounds better, right? Taking your listening experience to the next level, Reserve speakers use pulp fiber cones reinforced with mica, a crystalline structured additive. Mica increases the cones dimensional stability, stiffness, and strength, suppressing cone radiated distortions. Tweeters of Reserve speakers are made with a woven poly-nylon synthetic material formed into a dome shape. This textile material generates mild upper frequency tones, while the contoured dome widens the sound wave dispersion patterns.

NATURAL PULP FIBER CONE W/ MICA CRYSTALLINE ADDITIVE  
 3/4" WOVEN POLY-NYLON HEMISPHERICAL DOME TWEETER  
 INTEGRATED PASSIVE 6dB HIGH PASS CROSSOVER FILTER  
 REAR-ATTACHED SURROUND INCREASES EFFECTIVE CONE AREA  
 POLY-COTTON DAMPER W/ WOVEN BRAIDED Tinsel LEADS  
 1" O.F.C. COPPER VOICE COIL ON ALUMINUM FORMER  
 POWDER COATED MESH STEEL GRILL INCLUDED (SELECT SIZES)

RESERVE SPEAKERS	RS. 69	RS. 65	RS. 57	RS. 52	RS. 42
Size and Configuration	6"x9" 2-way	6.5" 2-way	5"x7" 2-way	5.25" 2-way	4" 2-way
RMS Power (watts)	80w	60w	60w	50w	40w
Resonant Frequency	47.3Hz	64Hz	63Hz	97Hz	115Hz
Efficiency (1w/1m dB)	88.9	86.6	87.5	85.5	84.3
Mounting Depth	3.00"	2.25"	2.25"	2.00"	2.00"

**SOUNDSTREAM**

## Digital Pre-Amp Amplifiers

Digital Pre-Amp amplifiers offer innovative Korean made approach to traditional sound processing. DPA amps include a digital signal processing integrated circuit module which opens the door for precise tuning of crossovers & gain settings. Keeping the user in mind, all functions are controlled by top surface mounted keys, needing only a fingers press & knob turn. Selected crossover frequencies and gain levels are displayed on an adjacent LCD, showing operating voltage & temperature while idle. Full featured pre-amp options, including band-pass & subsonic crossovers, bass boost, & even variable phasing make DPA amps a go-to for any enthusiast.



High Efficiency Class D Full Range & Monoblock Amplifiers Hybrid Aluminum Alloy Heatsink for Optimum Dissipation 2-ohm Stereo & 4-ohm Bridged Impedance Stability (DPA4 & DPA5) MOSFET Power Supply w/ Audiophile Grade IR™ Transistors Military Grade SMT PCB Maintains Dynamic Performance Direct Short, Thermal, & Overload Circuits Protect Amplifier Advanced Digital Pre-Amp Processing for precise tuning 200mV-6V High/Speaker Level or Low Level/RCA Input Quick Disconnect High L& low level Wire Harnesses Included Quick Disconnect Speaker level Output harnesses Included Low-level thru-pass output to Daisy chain multiple amplifiers Variable 12dB High, Low, Band-Pass, & Subsonic Crossovers Variable 180° Phase Shift to match polarity of system speakers Dash Mount Gain Control Module Included (DPA1 & DPA5)

Digital Pre-Amp Series	DPA4.1600D	DPA5.2000D	DPA1.2000D
Max Power	1,600w	2,000w	2,000w
RMS Power 4Ω	80 x 4	75 x 4 + 200 x 1	250 x 1
RMS Power 2Ω	160 x 4	125 x 4 + 400 x 1	400 X 1
RMS Power 4Ω Bridged	320 x 2	250 x 2 + 400 x 1 (2Ω)	–
RMS Power 1Ω Bridged	–	–	700 X 1
Remote Gain Control	–	Included	Included
Dimensions (4"w x 1.75"H)	9.00"	11..5"	9.00"



## Reserve Micro Amplifiers

Don't let these little monsters fool you. The latest and greatest of class D full range technology allows us to pack 10 lbs of KICK YOUR ASS in a 2-lb chassis. Once regarded as "dirty power", class D's stable performance, thanks to high power capability, maximum efficiencies, and low tolerance components, rivals traditional full range applications. Minimal power requirements, ultra micro footprint, unbelievable sound quality, and easy install makes Reserve Micro amplifiers great for any car, motorcycle, boat, or off-road vehicle.



High Efficiency Class D Full Range & Monoblock Amplifiers Hybrid Aluminum Alloy Heatsink for Optimum Dissipation 2-ohm Stereo & 4-ohm Bridged Full Range Operation 1-ohm Minimum Impedance Monoblock Operation MOSFET Power Supply w/ Audiophile Grade IR™ Transistors Military Grade SMT PCB Maintains Dynamic Performance Direct Short, Thermal, & Overload Circuits Protect Amplifier 200mV-6V High Level or Low Level RCA Input Direct Connect Power and Speaker Output Terminals Variable 12dB High Pass, Low Pass, & Subsonic Crossovers 12dB Bass Boost Increases Low Octave Harmonics (RSM1) Dash Mount Gain Control Module Included (RSM1)



© 2023 SOUNDSTREAM TECHNOLOGIES; MONTEBELLO, CA, U.S.A.

ALL RIGHT RESERVED. SPECIFICATIONS AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
PRINTED IN U.S.A.



## Documents / Resources



### [SOUNDEXTREME VRCPAA-106 Floating Display Multimedia Source Unit](#) [pdf] Instruction Manual

VRCPAA-106 Floating Display Multimedia Source Unit, VRCPAA-106, Floating Display Multimedia Source Unit, Display Multimedia Source Unit, Multimedia Source Unit, Source Unit

## References

-  [Naviextras.com - Map updates for your navigation device and more...](#)
-  [SiriusXM: Music, Sports, Talk & Podcasts, Live & On Demand](#)
- [User Manual](#)

### [Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.