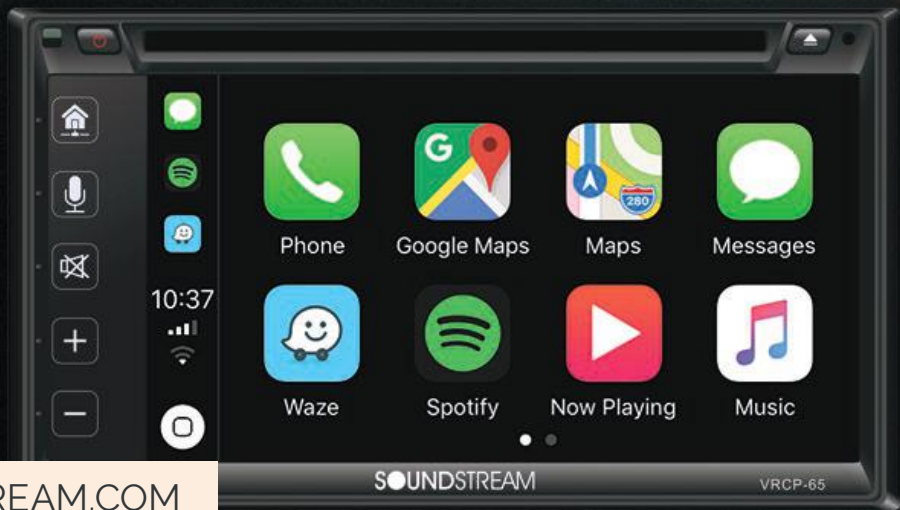


in  
Car & Marine  
Entertainment

SOUNDSTREAM



SOUNDSTREAM.COM

2019



# Multimedia Source Units

SOUNDSTREAM'S DUAL DISPLAY MULTIMEDIA SYSTEM IS THE FIRST OF IT'S KIND, ENABLING MULTITASKING FUNCTIONALITY IN A CAR STEREO APPLICATION. CONCURRENT OPERATING SYSTEMS RUNNING SIMULTANEOUSLY ALLOW THE USER TO OPERATE THE TWO DIFFERENT PLATFORMS. THE USER HAS THE OPTION TO CONTROL THE INCLUDED IGO POWERED GPS SYSTEM ON THE UPPER DISPLAY, OR ANDROID PHONELINK WHICH MIRRORS THE SCREEN OF THEIR ENABLED SMART DEVICE. THE SECOND OPERATING SYSTEM INCLUDES TYPICAL FEATURES OF A CAR MULTIMEDIA SYSTEM; DVD, BLUETOOTH CONNECTIVITY, AUDIO/VIDEO MEDIA PLAYBACK BY USB, FM RECEIVER, REAR VIEW CAMERA, ETC.

EXTENSIVE DETAILS WERE CONSIDERED FOR THE BUILD OF THIS UNIQUE APPLICATION. EACH HIGH RESOLUTION TFT-LCD DISPLAY INCLUDES A CAPACITIVE TOUCH SCREEN PANEL, MIMICKING THE INTERACTION AND EXPERIENCE OF TODAY'S SMART DEVICES. IN EFFORTS TO ENSURE MECHANICAL RELIABILITIES, THE INDEPENDENT MOTORIZATION MECHANISMS USE ALLOY STEEL GEARING AND HIGH TORQUE DRIVE MOTORS, CAPABLE OF STANDING UP TO THE ABUSE OF TODAY'S ROAD CONDITIONS.

ATTENTION TO QUALITY OF THE USER'S INTERACTION WERE CONSIDERED IN THE DESIGN PHASE OF THE DUAL DISPLAY'S USER INTERFACE. LARGE FORMAT, EASY TO READ INFO-DATA AND ICONS WERE DRAWN TO IMPROVE THE EASE OF USE. THE USER INTERFACE CONCEPT INCLUDED SOLUTIONS TO REDUCE DRIVER DISTRACTION AND IMPROVE OPERATOR AWARENESS.



WORLDS FIRST HEAD UNIT WITH TWO INDEPENDENT 7" DISPLAYS!

TWO MOTORIZED 7" LCD TOUCH SCREENS IN ONE 2-DIN CHASSIS

WATCH VIDEOS AND IGO GPS NAVIGATION SIMULTANEOUSLY

CONTROL YOUR ANDROID MOBILE PHONE WITH PHONELINK



VRN-DD7HB



**VRN-DD7HB**  
2-DIN GPS NAVIGATION, DVD, CD/MP3, AM/FM RECEIVER W/ DUAL 7" LCD TOUCH SCREENS, ANDROID PHONELINK, & BLUETOOTH 4.0 CONNECTIVITY



## GPS & DVD MULTIMEDIA ENTERTAINMENT SYSTEM W/ 2 LCDS

MILITARY GRADE HIGH TORQUE MOTORIZATION MECHANISMS  
ALLOY STEEL SERVO DRIVE MOTORS & GEARING NETWORK  
ANTI-SKIP MECHANISM FOR TODAY'S ROAD CONDITIONS  
DUAL OPERATING SYSTEMS ENABLE MULTITASKING FUNCTIONALITY  
INDEPENDENT OS'S FOR GPS W/ ANDROID PHONELINK & MULTIMEDIA  
SIMULTANEOUS GPS NAVIGATION OR PHONELINK W/ MULTIMEDIA PLAYBACK

### DYNAMIC USER INTERFACE W/ SMARTSENSE TECHNOLOGY

7" HD QUALITY HIGH RESOLUTION TFT-LCD DISPLAYS  
PINPOINT ACCURACY CAPACITIVE TOUCHSCREEN  
LOW REFLECTION INDUSTRIAL GRADE GLASS TOP PANEL  
LARGE FORMAT USER INTERFACE REDUCES DRIVER DISTRACTION  
17 MILLION RGB COLOR COMBINATION TOUCH KEY ILLUMINATION

### TURN-BY-TURN GPS NAVIGATION POWERED BY IGO PRIMO

USA & PUERTO RICO MAP INCLUDED ON MICRO SD CARD  
17 MILLION POINTS OF INTEREST DATABASE INCLUDED  
MAP & POI UPDATES AVAILABLE FROM NAVIEXTRAS.COM  
ON-SCREEN & AUDIBLE TEXT-TO-SPEECH COMMANDS  
HIGHWAY & MAJOR ROAD LANE DEPARTURE GUIDANCE

### BLUETOOTH V4.0 HANDS-FREE WIRELESS CONNECTIVITY

HANDS-FREE PROFILE FOR PHONE CALLING & DISPLAYING CALL LOGS  
PHONE BOOK ACCESS PROFILE DISPLAYS CALLER ID & CONTACTS LIST  
AUDIO/VIDEO REMOTE CONTROL PROFILE ENABLES PLAYBACK CONTROLS  
ADVANCED AUDIO DISTRIBUTION PROFILE STREAMS AUDIO WIRELESSLY

## PHONELINK ANDROID MOBILE DEVICE INTEGRATION

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  
1A USB CHARGING MAINTAINS BATTERY LIFE (REAR)

### USB PLAYBACK

PLAYBACK OF MP3 & WMA AUDIO FILES FROM 64GB USB  
PLAYBACK OF AVI, MP4, & H264 VIDEO FILES FROM 64GB USB  
VIEW JPEG, GIF, PNG, AND BMP IMAGE FILES FROM 64GB USB  
ID3 MP3 TAG READING FOR TRACK & ARTIST INFORMATION

### AUDIO/VIDEO CONFIGURATIONS

3.5MM AUX AUDIO INPUT FOR PERSONAL MEDIA DEVICES  
REAR AUDIO/VIDEO INPUT FOR PERSONAL MEDIA DEVICES  
FRONT & REAR RCA PRE-AMP AUDIO OUTPUTS, 4V  
SUBWOOFER RCA PRE-AMP AUDIO OUTPUT, 4V  
VIDEO RCA OUTPUT TO AUXILIARY DEVICES  
REAR VIEW CAMERA INPUT MANUAL & AUTO-TRIGGER

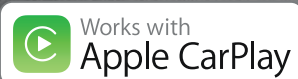
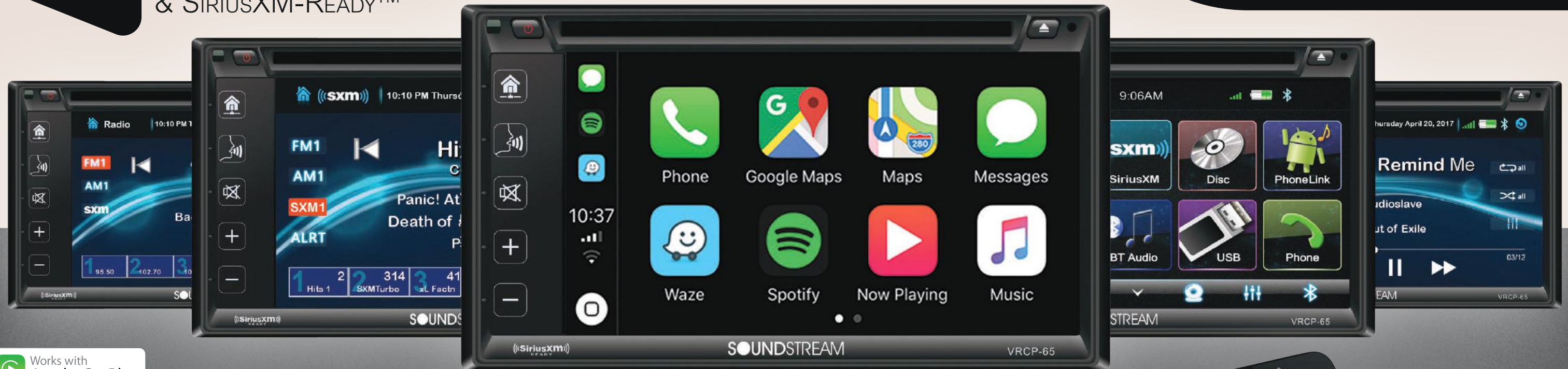
### GENERAL/OTHER FUNCTIONS

ACCEPTS OEM STEERING WHEEL CONTROL INTERFACES  
ADVANCED FM/AM TUNER WITH RDBS DATA DISPLAY  
MULTI-REGION AM/FM FREQUENCY STEPPING  
300W 4CH. HIGH POWER MOSFET SPEAKER OUTPUTS  
3-BAND DSP W/ 12dB CROSSOVER & VARIABLE Q FACTOR



VRCP 65

# CAR MULTIMEDIA ENTERTAINMENT CENTER w/ APPLE CARPLAY, ANDROID PHONELINK, & SIRIUSXM-READY™



CARPLAY IS A SMARTER, SAFER WAY TO USE YOUR IPHONE IN THE CAR. CARPLAY TAKES THE THINGS YOU WANT TO DO WITH YOUR IPHONE WHILE DRIVING AND PUTS THEM RIGHT ON YOUR CAR'S BUILT-IN DISPLAY. YOU CAN GET DIRECTIONS, MAKE CALLS, SEND AND RECEIVE MESSAGES, AND LISTEN TO MUSIC, ALL IN A WAY THAT ALLOWS YOU TO STAY FOCUSED ON THE ROAD.

## MULTIMEDIA ENTERTAINMENT CENTER GENERAL INFORMATION

ISO 2-DIN CHASSIS INSTALLS IN MOST NEWER VEHICLES  
APPLE CARPLAY & SIRIUSXM RADIO TUNER INTERFACE  
SIRIUSXM-READY™ (VEHICLE TUNER AND SUBSCRIPTION REQUIRED)  
BLUETOOTH V4.0 HANDS-FREE WIRELESS CONNECTIVITY  
DVD, CD & USB MP3 & MP4 MULTIMEDIA PLAYBACK  
ADVANCED FM/AM TUNER WITH RDBS DATA DISPLAY  
ACCEPTS OEM STEERING WHEEL CONTROL INTERFACES  
WIRELESS DIRECT SELECT REMOTE CONTROL INCLUDED  
REAR VIEW CAMERA INPUT MANUAL & AUTO-TRIGGER

## BLUETOOTH V4.0 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

## SIRIUSXM SATELLITE RADIO READY (VEHICLE TUNER AND SUBSCRIPTION REQUIRED)

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)

SIRIUS, XM AND ALL RELATED MARKS AND LOGOS ARE TRADEMARKS OF SIRIUS XM RADIO INC. ALL RIGHTS RESERVED.

## CarPlay is compatible with these iPhone models:

iPhone XS	iPhone 8	iPhone 6s	Phone SE
iPhone XS Max	iPhone 8 Plus	iPhone 6s Plus	iPhone 5s
iPhone XR	iPhone 7	iPhone 6	iPhone 5c
iPhone X	iPhone 7 Plus	iPhone 6 Plus	iPhone 5

## DYNAMIC USER INTERFACE w/ SMARTSENSE

6.2" HD QUALITY HIGH RESOLUTION TFT-LCD DISPLAY  
PINPOINT ACCURACY CAPACITIVE TOUCHSCREEN  
LOW REFLECTION INDUSTRIAL GRADE GLASS TOP PANEL  
LARGE FORMAT USER INTERFACE REDUCES DISTRACTION  
7 COLOR SELECTABLE TOUCH KEY ILLUMINATION

## PHONELINK ANDROID MOBILE DEVICE INTEGRATION

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  
1A USB CHARGING MAINTAINS BATTERY LIFE (REAR)

## USB AUDIO/VIDEO PLAYBACK

PLAYBACK OF MP3 & WMA AUDIO FILES FROM 64GB USB  
PLAYBACK OF AVI, MP4, & H264 VIDEO FILES FROM 64GB USB  
VIEW JPEG, GIF, PNG, AND BMP IMAGE FILES FROM 64GB USB  
ID3 MP3 TAG READING FOR TRACK & ARTIST INFORMATION

## AUDIO/VIDEO CONFIGURATIONS

REAR AUDIO/VIDEO INPUT FOR PERSONAL MEDIA DEVICES  
FRONT & REAR RCA PRE-AMP AUDIO OUTPUTS, 4V  
SUBWOOFER RCA PRE-AMP AUDIO OUTPUT, 4V  
VIDEO RCA OUTPUT TO AUXILIARY DEVICES  
300W 4CH. HIGH POWER MOSFET SPEAKER OUTPUTS



VRCP-65 ALSO INCLUDES ANDROID PHONELINK MOBILE DEVICE INTEGRATION. PHONELINK ENABLES COMPLETE CONTROL OF SELECT ANDROID BASED SMARTPHONES AND TABLETS BY THE OPERATING SYSTEMS. CONVENIENTLY LAUNCH ANY APPLICATION, POST SOCIAL MEDIA UPDATES, OR PLAY YOUR OWN VIDEOS AND ALL OTHER CONTENT ON YOUR MOBILE DEVICE. YOUR SMART DEVICE DISPLAY IS MIRRORED TO THE HEAD UNITS LARGER LCD SCREEN VIA SIMPLE USB CONNECTION. ANDROID PHONELINK ENSURES SAFE, HANDS-FREE OPERATION OF DEVICES WITHOUT DISTRACTION.

**REQUIRES ORIGINAL USB CABLE.**



VRCP-65





# Multimedia Source Units

## VR-1032XB

ISO 2-DIN DVD, CD/MP3, AM/FM RECEIVER w/ SIRIUSXM READY™, BLUETOOTH 4.0 CONNECTIVITY, & DETACHABLE 10.3" LCD



### GENERAL INFORMATION

2-DIN MULTIMEDIA SYSTEM w/ DETACHABLE 10.3" LCD  
ISO 2-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
EXTENDED CHASSIS CONCEALING TRIM RING INCLUDED  
HD 10.3" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
NEOPRENE FACEPLATE STORAGE CASE INCLUDED  
SMARTSENSE CLEAR GLASS CAPACITIVE TOUCHSCREEN  
SIRIUSXM-READY™ (VEHICLE TUNER AND SUBSCRIPTION REQUIRED)  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + VARIABLE SUBWOOFER  
RCA A/V INPUT FOR EXTERNAL SOURCE INPUT + 2 RCA VIDEO OUTPUT  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



(VEHICLE TUNER AND SUBSCRIPTION REQUIRED)

ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT!

SIRIUS, XM AND ALL RELATED MARKS AND LOGOS ARE TRADEMARKS OF SIRIUS XM RADIO INC. ALL RIGHTS RESERVED.



# Multimedia Source Units

## INCLUDES GPS NAVIGATION & ANDROID PHONELINK - VRN-75HB

INCLUDES SIRIUSXM TUNER INTERFACE - **VR-75XB**

STANDARD FEATURES - **VR-75B**

ISO 1-DIN DVD, CD/MP3, AM/FM RECEIVER w/ BLUETOOTH 4.0 CONNECTIVITY, & MOTORIZED 7" TOUCHSCREEN LCD



### GENERAL INFORMATION

1-DIN MULTIMEDIA SYSTEM w/ MOTORIZED 7" LCD  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
THEFT-DETERRENT DETACHABLE FACEPLATE w/ CASE  
HD 7" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
4-POSITION TILTING LCD w/ LAST POSITION MEMORY  
SMARTSENSE CLEAR GLASS RESTIVE TOUCHSCREEN  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
10-BAND 14dB BOOST/CUT EQUALIZER w/ PRESET (VRN-75HB)  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
5CH PREAMP RCA OUTPUTS; FRONT + REAR + VARIABLE SUBWOOFER  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN

### GPS NAVIGATION (VRN-75HB)

TURN-BY-TURN GPS NAVIGATION SYSTEM BUILT-IN  
STREET MAPS OF ALL 50 U.S.A. STATES ON MICRO SD  
17 MILLION POINTS OF INTEREST DATABASE INCLUDED



### ANDROID PHONELINK (VRN-75HB)

ANDROID PHONELINK MOBILE DEVICE INTEGRATION  
COMPLETE CONTROL OF ANDROID DEVICES VIA USB



(VEHICLE TUNER AND SUBSCRIPTION REQUIRED) (VR-75XB ONLY)

ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT!

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# Multimedia Source Units

**VRN-65HXB** - INCLUDES GPS NAVIGATION & SIRIUSXM TUNER INTERFACE  
**VRN-65HB** - INCLUDES GPS NAVIGATION & ANDROID PHONELINK  
**VR-65B** - STANDARD FEATURES  
ISO 2-DIN DVD, CD/MP3, AM/FM RECEIVER w/ BLUETOOTH 4.0 CONNECTIVITY, & 6.2" TOUCHSCREEN LCD

# Multimedia Source Units

INCLUDES GPS NAVIGATION & ANDROID PHONELINK - **VRN-63HB**  
INCLUDES SIRIUSXM TUNER INTERFACE - **VR-63XB**  
STANDARD FEATURES - **VR-63B**  
ISO 2-DIN DVD, CD/MP3, AM/FM RECEIVER w/ BLUETOOTH 4.0 CONNECTIVITY, & 6.2" TOUCHSCREEN LCD



**GENERAL INFORMATION**

2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING BRACKETS INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
SMARTSENSE CLEAR GLASS CAPACTIVE TOUCHSCREEN  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER  
10-BAND 14dB BOOST/CUT EQUALIZER w/ PRESET (VRN-65HB)

**DIGITAL MEDIA PLAYBACK**

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR MICRO/TF SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + VARIABLE SUBWOOFER  
RCA A/V INPUT FOR EXTERNAL SOURCE INPUT + 2 RCA VIDEO OUTPUT  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN

**GPS NAVIGATION** (VRN-65HB & VRN-65HXB)

TURN-BY-TURN GPS NAVIGATION SYSTEM BUILT-IN  
STREET MAPS OF ALL 50 U.S.A. STATES ON MICRO SD  
17 MILLION POINTS OF INTEREST DATABASE INCLUDED



**ANDROID PHONELINK** (VRN-65HB)

ANDROID PHONELINK MOBILE DEVICE INTEGRATION  
COMPLETE CONTROL OF ANDROID DEVICES VIA USB



**(SiriusXM)**

READY (VEHICLE TUNER AND SUBSCRIPTION REQUIRED) (VRN-65HXB)

ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC  
PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT!  
SIRIUS, XM AND ALL RELATED MARKS AND LOGOS ARE TRADEMARKS OF SIRIUS XM RADIO INC.  
ALL RIGHTS RESERVED.

**GENERAL INFORMATION**

2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER

**DIGITAL MEDIA PLAYBACK**

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + VARIABLE SUBWOOFER  
RCA A/V INPUT FOR EXTERNAL SOURCE DISPLAY + 2 RCA VIDEO OUTPUT  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN

**GPS NAVIGATION** (VRN-65HB & VRN-65HXB)

TURN-BY-TURN GPS NAVIGATION SYSTEM BUILT-IN  
STREET MAPS OF ALL 50 U.S.A. STATES ON MICRO SD  
17 MILLION POINTS OF INTEREST DATABASE INCLUDED



**ANDROID PHONELINK** (VRN-65HB)

ANDROID PHONELINK MOBILE DEVICE INTEGRATION  
COMPLETE CONTROL OF ANDROID DEVICES VIA USB



**(SiriusXM)**

READY (VEHICLE TUNER AND SUBSCRIPTION REQUIRED) (VRN-65HXB)

ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC  
PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT!  
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ALL RIGHTS RESERVED.





Multimedia Source Units

**VRN-624B** - Includes GPS Navigation  
**VR-624B** - STANDARD FEATURES  
ISO 2-DIN DVD, CD/MP3, AM/FM Receiver w/ BLUETOOTH 4.0 CONNECTIVITY, & 6.2" LCD

NEW FOR 2019

**GENERAL INFORMATION**  
2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING BRACKETS INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER  
8-BAND 8dB Boost/Cut EQUALIZER & PRESET EQs

**DIGITAL MEDIA PLAYBACK**  
VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR MICRO/TF SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK



**AUDIO/VIDEO IN's & OUT's**  
AUX Audio (3.5mm) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + SUBWOOFER  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN

**GPS NAVIGATION (VRN-624B)**  
TURN-BY-TURN GPS NAVIGATION SYSTEM BUILT-IN  
STREET MAPS OF ALL 50 U.S.A. STATES ON MICRO SD  
17 MILLION POINTS OF INTEREST DATABASE INCLUDED



**VR-345B** - STANDARD FEATURES  
1-DIN DVD, CD/MP3, AM/FM Receiver w/ BLUETOOTH 4.0 CONNECTIVITY, & DETACHABLE 3.4" LCD

**GENERAL INFORMATION**  
1-DIN MULTIMEDIA SYSTEM w/ DETACHABLE 3.4" LCD  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
HD 3.4" 720x420 LCD w/ ADJUSTABLE BACKLIGHT  
THEFT-DETERRENT DETACHABLE FACEPLATE w/ CASE  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER



**DIGITAL MEDIA PLAYBACK**  
VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**  
AUX Audio (3.5mm) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
4CH PREAMP RCA OUTPUTS; FRONT L/R + REAR L/R  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



Multimedia Source Units

Includes ANDROID PHONELINK - **VR-620HB**  
STANDARD FEATURES - **VR-620B**  
2-DIN DVD, CD/MP3, USB/SD, AM/FM Receiver w/ BLUETOOTH CONNECTIVITY & 6.2" LCD

NEW FOR 2019

**GENERAL INFORMATION**  
2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING BRACKETS INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
BACK-UP CAMERA RCA INPUT w/ +12V AUTO-ON TRIGGER  
FRONT CAMERA RCA INPUT w/ ON-SCREEN TRIGGER  
10-BAND 8dB Boost/Cut EQUALIZER & PRESET EQs

**DIGITAL MEDIA PLAYBACK**  
VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**  
AUX Audio (3.5mm) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + SUBWOOFER  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



**ANDROID PHONELINK (VR-620HB)**  
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  
1A USB CHARGING MAINTAINS BATTERY LIFE (REAR)



**VR-720B**  
1-DIN DVD, CD/MP3, USB/SD, AM/FM Receiver  
w/ BLUETOOTH CONNECTIVITY & 7" LCD

NEW FOR 2019

**GENERAL INFORMATION**  
1-DIN MULTIMEDIA SYSTEM w/ MOTORIZED 7" LCD  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
THEFT-DETERRENT DETACHABLE FACEPLATE w/ CASE  
HD 7" 480x234 LCD w/ ADJUSTABLE BACKLIGHT  
4-POSITION TILTING LCD w/ LAST POSITION MEMORY  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 2.1 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER  
8-BAND 8dB Boost/Cut EQUALIZER & PRESET EQs

**DIGITAL MEDIA PLAYBACK**  
VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**  
AUX Audio (3.5mm) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
5CH PREAMP RCA OUTPUTS; FRONT + REAR + VARIABLE SUBWOOFER  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN





# Multimedia Source Units

**VR-651B**  
2-DIN DVD, CD/MP3, USB/SD, AM/FM RECEIVER w/ BLUETOOTH CONNECTIVITY & 6.5" LCD

**GENERAL INFORMATION**

2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER

**DIGITAL MEDIA PLAYBACK**

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + SUBWOOFER  
2 RCA VIDEO OUTPUTS TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



**VIR-7830B**  
1-DIN DVD, CD/MP3, USB/SD, AM/FM RECEIVER w/ BLUETOOTH CONNECTIVITY & 7" LCD

**GENERAL INFORMATION**

1-DIN MULTIMEDIA SYSTEM w/ MOTORIZED 7" LCD  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
THEFT-DETERRENT DETACHABLE FACEPLATE w/ CASE  
HD 7" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
4-POSITION TILTING LCD w/ LAST POSITION MEMORY  
CLEAR GLASS RESISTIVE ANTI-GLARE TOUCHSCREEN  
BLUETOOTH 2.1 PHONE CALLING + A2DP AUDIO STREAMING  
RCA BACK-UP CAMERA INPUT w/ +12V AUTO-ON TRIGGER

**DIGITAL MEDIA PLAYBACK**

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN's & OUT's**

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
5CH PREAMP RCA OUTPUTS; FRONT + REAR + SUBWOOFER  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



# Multimedia Source Units

**VM-622HB**  
2-DIN DIGITAL MEDIA RECEIVER w/ USB/SD PLAYBACK, ANDROID PHONELINK, & 6.2" LCD

NEW FOR  
2019



**GENERAL INFORMATION**

2-DIN MULTIMEDIA SYSTEM w/ 6.2" LCD  
ISO 2-DIN CHASSIS, MOUNTING BRACKETS INCLUDED  
HD 6.2" 800x480 LCD w/ ADJUSTABLE BACKLIGHT  
SMARTSENSE CLEAR GLASS CAPACTIVE TOUCHSCREEN  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING  
BACK-UP CAMERA RCA INPUT w/ +12V AUTO-ON TRIGGER  
FRONT CAMERA RCA INPUT w/ ON-SCREEN TRIGGER  
10-BAND 8dB Boost/Cut EQUALIZER & PRESET EQs

**DIGITAL MEDIA PLAYBACK**

VIDEO & AUDIO PLAYBACK FROM 64GB USB OR Micro/TF SD CARD  
1080P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**ANDROID PHONELINK**

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  
1A USB CHARGING MAINTAINS BATTERY LIFE



**AUDIO/VIDEO IN's & OUT's**

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
AUX A/V (3.5MM) INPUT FROM EXTERNAL SOURCES ON BACK PANEL  
2CH PREAMP RCA OUTPUTS; FRONT LEFT & FRONT RIGHT  
RCA VIDEO OUTPUTS TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN





# DVD Source Units

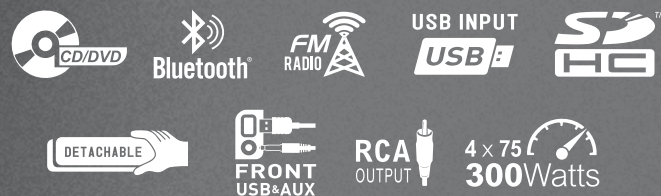
## VDVD-20B

1-DIN CD/DVD w/ USB PLAYBACK & BLUETOOTH



VDVD-20B

NEW FOR  
2019



### GENERAL INFORMATION

1-DIN DVD, FM/AM MULTIMEDIA SYSTEM w/ BLUETOOTH  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
THEFT-DETERRENT DETACHABLE FACEPLATE INCLUDED  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
AUX AUDIO RCA INPUT FOR EXTERNAL SOURCES ON BACK PANEL  
2CH PREAMP RCA OUTPUTS; FRONT LEFT & FRONT RIGHT  
RCA VIDEO OUTPUTS TO REAR SEAT ENTERTAINMENT SYSTEMS  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN

## VDVD-165

1-DIN DVD PLAYER w/ 32GB USB PLAYBACK

### GENERAL INFORMATION

1-DIN DVD PLAYER FOR REAR SEAT ENTERTAINMENT SYSTEMS  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE & BRACKETS INCLUDED  
MOUNTING BRACKETS FOR OPTIONAL VERTICAL MOUNTING  
10' REMOTE CONTROL RECEIVER EYE EXTENSION INCLUDED

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
720P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

2CH PREAMP RCA OUTPUTS; FRONT LEFT & FRONT RIGHT  
RCA VIDEO OUTPUT TO REAR SEAT ENTERTAINMENT SYSTEMS



# Digital Audio Source Units

## VCD-22B - CD PLAYBACK

## VM-22B - DIGITAL AUDIO PLAYBACK

2-DIN DIGITAL AUDIO SOURCE UNIT w/ USB/SD, AM/FM RECEIVER, & BLUETOOTH CONNECTIVITY



### GENERAL INFORMATION

2-DIN DIGITAL AUDIO ENTERTAINMENT SYSTEM  
ISO 2-DIN CHASSIS, MOUNTING BRACKETS INCLUDED  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING

### DIGITAL MEDIA PLAYBACK

AUDIO PLAYBACK FROM CD & CDR Discs (VCD-22B)  
AUDIO PLAYBACK FROM 64GB USB OR Micro/TF SD CARD  
MP3 & WMA AUDIO FILE TYPE PLAYBACK

### AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
AUX AUDIO RCA INPUT FROM EXTERNAL SOURCES ON BACK PANEL (VCD-22B)  
6CH PREAMP RCA OUTPUTS; FRONT + REAR + SUBWOOFER (VCD-22B)  
4CH PREAMP RCA OUTPUTS; FRONT L/R + REAR L/R (VM-22B)  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN



## VCD-21B - CD PLAYBACK

## VM-21B - DIGITAL AUDIO PLAYBACK

1-DIN DIGITAL AUDIO SOURCE UNIT w/ USB/SD, AM/FM RECEIVER, & BLUETOOTH CONNECTIVITY



### GENERAL INFORMATION

1-DIN DIGITAL AUDIO ENTERTAINMENT SYSTEM  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING

### DIGITAL MEDIA PLAYBACK

AUDIO PLAYBACK FROM CD & CDR Discs (VCD-21B)  
AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
MP3 & WMA AUDIO FILE TYPE PLAYBACK

### AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
AUX AUDIO RCA INPUT FROM EXTERNAL SOURCES ON BACK PANEL (VCD-21B)  
4CH PREAMP RCA OUTPUTS; FRONT L/R + REAR L/R  
4CH. 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER BUILT-IN





# Rear Seat Entertainment

## VCM-160DMH

CEILING MOUNT DVD ENTERTAINMENT SYSTEM w/ MOBILELINK SMARTPHONE MIRRORING & 16" LCD

NEW FOR  
2019



### MOBILELINK INTEGRATION

MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE CEILING MONITOR VIA MHL HDMI INTERFACE CABLE (SOLD SEPARATE).

### AUDIO/VIDEO IN's & OUT's

MHL MOBILELINK INPUT FOR SMART DEVICE INTEGRATION  
TWO CHANNEL WIRELESS IR TRANSMITTER (USE VHP-12)  
8-CH FM STEREO TRANSMITTER FOR OEM INTEGRATION  
BUILT-IN SPEAKERS FOR WHOLE VEHICLE LISTENING  
RCA A/V INPUT FOR EXTERNAL SOURCES DISPLAY  
3.5MM A/V INPUT FOR EXTERNAL SOURCES DISPLAY  
RCA A/V OUTPUT TO AUXILIARY DISPLAY DEVICES



### GENERAL INFORMATION

INTERCHANGEABLE COLOR SKINS INCLUDED (BEIGE, BLACK, GREY)  
CAR-SPEC DVD DRIVE FOR EXTREME TEMPERATURE EXPOSURE  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
TRIGGERED BRIGHT WHITE LED DOME LIGHT  
1920 X 1080 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 16.75"W X 13.25"D X 1.75"H

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR DISCS  
VIDEO & AUDIO PLAYBACK FROM 64GB USB & FULL SIZE SD CARD  
1080P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

# Rear Seat Entertainment

## VCM-143DMH

CEILING MOUNT DVD ENTERTAINMENT SYSTEM w/ MOBILELINK SMARTPHONE MIRRORING & 14.3" LCD



### GENERAL INFORMATION

INTERCHANGEABLE COLOR SKINS INCLUDED (BEIGE, BLACK, GREY)  
CAR-SPEC DVD DRIVE FOR EXTREME TEMPERATURE EXPOSURE  
TRIGGERED BRIGHT WHITE LED DOME LIGHT  
1366 X 768 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 16"W X 7.5"D X 2"H

### MOBILELINK INTEGRATION

MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE CEILING MONITOR VIA HDMI INTERFACE CABLE (SOLD SEPARATE).

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR DISCS  
VIDEO & AUDIO PLAYBACK FROM 64GB USB & FULL SIZE SD  
720P MP4 & WMV VIDEO OR MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

MHL MOBILELINK INPUT FOR SMART DEVICE INTEGRATION  
SINGLE CHANNEL WIRELESS IR TRANSMITTER (USE VHP-11)  
8-CH FM STEREO TRANSMITTER FOR OEM INTEGRATION  
RCA A/V INPUT FOR EXTERNAL SOURCES DISPLAY  
RCA A/V OUTPUT TO AUXILIARY DISPLAY DEVICES

## VCM-138H

CEILING MOUNT DVD ENTERTAINMENT SYSTEM w/ MOBILELINK SMARTPHONE MIRRORING & 13.8" LCD



### GENERAL INFORMATION

INTERCHANGEABLE COLOR SKINS INCLUDED (BEIGE, BLACK, GREY)  
CAR-SPEC DVD DRIVE FOR EXTREME TEMPERATURE EXPOSURE  
90°/180° SWIVEL SCREEN FOR ANGLED VIEWING  
7-COLOR RGB LED ILLUMINATED KEYS & ACCENTS  
TRIGGERED BRIGHT WHITE LED DOME LIGHT  
1920 X 1080 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 16.5"W X 13.25"D X 2.25"H

### MOBILELINK INTEGRATION

MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE CEILING MONITOR VIA HDMI INTERFACE CABLE (SOLD SEPARATE).

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR DISCS  
VIDEO & AUDIO PLAYBACK FROM 64GB USB & FULL SIZE SD  
480P MP4 & WMV VIDEO OR MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN's & OUT's

MHL MOBILELINK INPUT FOR SMART DEVICE INTEGRATION  
TWO CHANNEL WIRELESS IR TRANSMITTER (USE VHP-12)  
8-CH FM STEREO TRANSMITTER FOR OEM INTEGRATION  
RCA & 3.5MM A/V INPUT FOR EXTERNAL SOURCE INPUT  
RCA A/V OUTPUT ON-BOARD TO AUXILIARY DISPLAY DEVICES



# Rear Seat Entertainment

## VCM-103DMH

Ceiling Mount DVD Entertainment System w/ MobileLink Smartphone Mirroring, & 10.3" LCD

### GENERAL INFORMATION

INTERCHANGEABLE COLOR SKINS INCLUDED (BEIGE, BLACK, GREY)  
CAR-SPEC DVD DRIVE FOR EXTREME TEMPERATURE EXPOSURE  
TRIGGERED BRIGHT WHITE LED DOME LIGHT  
1024 X 600 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 13"W X 11"D X 2.5"H

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
USB CABLE FOR POWERED HIGH CAPACITY HARD DRIVE PLAYBACK  
720P MP4 & WMV VIDEO OR MP3 & WMA AUDIO PLAYBACK

### MOBILELINK INTEGRATION

MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE CEILING MONITOR VIA HDMI INTERFACE CABLE. (SOLD SEPARATE)



### AUDIO/VIDEO IN'S & OUT'S

MHL MOBILELINK INPUT FOR SMART DEVICE INTEGRATION  
SINGLE CHANNEL WIRELESS IR TRANSMITTER (USE VHP-11)  
185 CHANNEL FM STEREO TRANSMITTER FOR OEM INTEGRATION  
RCA A/V INPUT ON SIDE PANEL FOR EXTERNAL SOURCE INPUT  
RCA A/V OUTPUT ON-BOARD FOR AUXILIARY DISPLAY DEVICES



## VCM-103DM

Ceiling Mount DVD Entertainment System w/ 10.3" LCD

### GENERAL INFORMATION

INTERCHANGEABLE COLOR SKINS INCLUDED (BEIGE, BLACK, GREY)  
CAR-SPEC DVD DRIVE FOR EXTREME TEMPERATURE EXPOSURE  
TRIGGERED BRIGHT WHITE LED DOME LIGHT  
1024 X 600 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 16"W X 7.5"D X 2"H

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM 64GB USB & FULL SIZE SD  
720P MP4 & WMV VIDEO OR MP3 & WMA AUDIO PLAYBACK

### AUDIO/VIDEO IN'S & OUT'S

MHL MOBILELINK INPUT FOR SMART DEVICE INTEGRATION  
SINGLE CHANNEL WIRELESS IR TRANSMITTER (USE VHP-11)  
185 CHANNEL FM STEREO TRANSMITTER FOR OEM INTEGRATION  
RCA A/V INPUT ON-BOARD FOR EXTERNAL SOURCE INPUT  
RCA A/V INPUT ON SIDE PANEL FOR EXTERNAL SOURCE INPUT  
RCA A/V OUTPUT ON-BOARD FOR AUXILIARY DISPLAY DEVICES



# Rear Seat Entertainment

w/ 9" LCD SCREEN - **VHD-90CC**

w/ 7" LCD SCREEN - **VHD-70CC**

HEADREST ENTERTAINMENT SYSTEM w/ DVD PLAYER, MOBILELINK SMARTPHONE MIRRORING, & LCD DISPLAY



### GENERAL INFORMATION

POLYESTER FOAM HEADREST W/ LEATHERETTE FINISH  
3 CHANGEABLE COLOR SKINS INCLUDED (GREY, BEIGE, BLACK)  
3/8" DIA. LOCKING POLE w/ 7/16", 1/2", & 9/16" ADAPTERS  
4.75" ~ 8.25" ON-CENTER POLE WIDTH ADJUSTMENT  
800 X 480 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 11.5"W X 7.75"H X 5"D (90CC)  
DIMENSIONS: 10"W X 7"H X 5.5"D (70CC)

### DIGITAL MEDIA PLAYBACK

VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR Discs  
VIDEO & AUDIO PLAYBACK FROM UP TO 64GB USB FLASH DRIVE  
1080P MP4 & WMV VIDEO OR MP3 & WMA AUDIO PLAYBACK

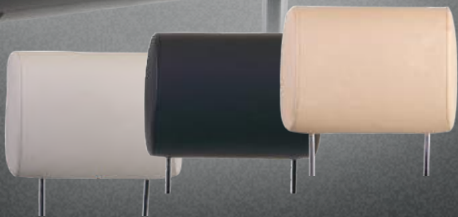
### MOBILELINK INTEGRATION (90CC ONLY)

MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE HEADREST MONITOR VIA HDMI INTERFACE CABLE (SOLD SEPARATE).



### AUDIO/VIDEO IN'S & OUT'S

185 CHANNEL FM STEREO TRANSMITTER FOR OEM INTEGRATION  
DUAL CHANNEL WIRELESS IR TRANSMITTER (USE VHP-12)  
RCA A/V INPUT FOR EXTERNAL SOURCE DISPLAY OR OPPOSITE HEADREST  
RCA A/V OUTPUT TO AUXILIARY DISPLAY DEVICES OR SLAVE HEADREST  
3.5MM AUX AUDIO OUTPUT FOR HARDWIRED HEADPHONES



w/ 9" LCD SCREEN - **VH-90CC**

w/ 7" LCD SCREEN - **VH-70CC**

HEADREST ENTERTAINMENT SYSTEM w/ LCD DISPLAY

### GENERAL INFORMATION

POLYESTER FOAM HEADREST W/ LEATHERETTE FINISH  
3 CHANGEABLE COLOR SKINS INCLUDED (GREY, BEIGE, BLACK)  
3/8" DIA. LOCKING POLE w/ 7/16", 1/2", & 9/16" ADAPTERS  
4.75" ~ 8.25" ON-CENTER POLE WIDTH ADJUSTMENT  
800 X 480 16:9 WIDESCREEN RESOLUTION  
DIMENSIONS: 11.5"W X 7.75"H X 5"D (90CC)  
DIMENSIONS: 10"W X 7"H X 5.5"D (70CC)

### AUDIO/VIDEO IN'S & OUT'S

DUAL CHANNEL WIRELESS IR TRANSMITTER (USE VHP-12)  
2 RCA A/V INPUT FOR EXTERNAL SOURCE OR MASTER HEADREST  
3.5MM AUX AUDIO OUTPUT FOR HARDWIRED HEADPHONES





# Rear Seat Entertainment

## SHAD-9H

UNIVERSAL HEADREST BRACKET MOUNTED DVD PLAYER w/ MOBILELINK SMARTPHONE MIRRORING, & 9" LCD

**GENERAL INFORMATION**  
SIMPLE DIY BRACKET ATTACHES DIRECTLY TO HEADREST POLE  
INSTALLATION REQUIRES ONLY THE PROVIDED HEX KEY TOOL  
ADJUSTABLE HEADREST BRACKET FOR OPTIMUM VIEWING ANGLE  
3 FEAX LEATHER COLOR SKINS INCLUDED (GREY, BEIGE, & BLACK)  
9" HD QUALITY 800 x 480 HIGH RESOLUTION TFT-LCD DISPLAY  
REAR-LOADING DVD PLAYER FOR DVD & 480P VIDEO FILE PLAYBACK  
CIGARETTE LIGHTER ADAPTER POWER CABLE FOR EASY D.I.Y. WIRING  
BRACKET ACCEPTS HEADRESTS w/ DUAL POLE DISTANCE 4.5"-7.25"  
POLE DIAMETER ADAPTERS INCLUDED: 3/8" - 5/8"

**MOBILELINK INTEGRATION**  
MOBILELINK MIRRORS THE IMAGE OF YOUR SMARTPHONE OR TABLET TO THE CEILING MONITOR VIA HDMI INTERFACE CABLE. (SOLD SEPARATE)

**DIGITAL MEDIA PLAYBACK**  
VIDEO & AUDIO PLAYBACK FROM DVD, DVDR, CD, & CDR DISCS  
VIDEO & AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
480P MP4 & WMV VIDEO PLAYBACK; MP3 & WMA AUDIO PLAYBACK

**AUDIO/VIDEO IN'S & OUT'S**  
HDMI INPUT FOR MOBILELINK SMARTPHONE MIRRORING  
RCA A/V INPUT FOR EXTERNAL SOURCE INPUT  
3.5MM A/V INPUT ON SIDE PANEL FOR EXTERNAL SOURCE INPUT  
RCA A/V OUTPUT FOR EXTERNAL DISPLAY DEVICES OR SLAVE  
3.5MM A/V OUTPUT ON SIDE PANEL FOR EXTERNAL DISPLAY DEVICES  
3.5MM AUX AUDIO OUTPUT FOR HARDWIRED HEADPHONE LISTENING

## VHR-72IRA

7" CUSTOM INSTALL HEADREST MONITOR

TWO AUXILIARY A/V INPUT	PRESET/MANUAL IMAGE CONTROL
DUAL CHANNEL IR TRANSMITTER	REMOTE CONTROL INCLUDED
WIRED HEADPHONE OUTPUT	NTSC/PAL SELECTION
LOW REFLECTION TFT-LCD MONITOR	480 x 234 (16:9) RESOLUTION
ULTRA BRIGHT LED BACKLIGHTING	CUTOUT: 7"W x 4.75"H x .75"D
SELECTABLE ASPECT MODES	

# Wireless Headphones

**VHP-11** - 1CH. IR WIRELESS HEADPHONE  
**VHP-12** - 2CH. IR WIRELESS HEADPHONE  
**VHP-22** - PAIR 1CH. IR WIRELESS HEADPHONES w/ TRANSMITTER

EXTERNAL IR TRANSMITTER INCLUDED (VHP-22)  
ADJUSTABLE HEADPHONE STRAPS FOR COMFORT FIT  
EAR PADS FOLD FLAT FOR SEAT POCKET STORAGE  
EVA HARD CARRY CASE INCLUDED  
MP-3 PLAYER INPUT VIA 3.5MM JACK  
ON/OFF SWITCH SAVES BATTERY LIFE  
AUTO POWER OFF FUNCTION  
AUTO MUTE FUNCTION  
VARIABLE VOLUME CONTROL  
ALC AUTO LEVEL CONTROL



# Glossary of Icons



GPS TURN-BY-TURN NAVIGATION FOR ALL 50 USA STATES. SET YOUR DESTINATION TO ANY OF NEARLY 17 MILLION POINTS-OF-INTEREST, OR YOUR OWN UNIQUE LOCATION. FOLLOW THE ON-SCREEN DIRECTIONS OR AUDIBLE TEXT-TO-SPEECH COMMANDS, INCLUDING LANE DEPARTURE GUIDANCE. ADDITIONAL FEATURES INCLUDE FAVORITES LIST, PROGRAMMABLE HOME DESTINATION, ROUTE FUEL ESTIMATES, MALE & FEMALE SELECTABLE VOICES, SPEED LIMIT WARNINGS, & MORE.



ANDROID PHONELINK ENABLES COMPLETE CONTROL OF SELECT ANDROID SMARTPHONES AND TABLETS BY THE APTIX OPERATING SYSTEM. CONVENIENTLY LAUNCH ANY APPLICATION, POST SOCIAL MEDIA UPDATES, OR PLAY YOUR OWN VIDEOS AND ALL OTHER CONTENT ON YOUR MOBILE DEVICE. YOUR SMART DEVICE DISPLAY IS MIRRORED TO THE HEAD UNITS LARGER LCD SCREEN VIA SIMPLE USB CONNECTION. ANDROID PHONELINK ENSURES SAFE, HANDS-FREE OPERATION OF YOUR SMART DEVICE WITHOUT DISTRACTION. WHEN CONNECTING THE SMARTPHONE FOR THE FIRST TIME, THE HEAD UNIT WILL UPLOAD AN APP TO THE DEVICE. ONE INSTALLED, THE APP WILL AUTOMATICALLY LAUNCH AS A BACKGROUND TASK EACH TIME THE PHONE IS CONNECTED.



ONLY SIRIUSXM® BRINGS YOU MORE OF WHAT YOU LOVE TO LISTEN TO, ALL IN ONE PLACE. WELCOME TO COMMERCIAL-FREE MUSIC FROM EVERY GENRE, LIVE PLAY-BY-PLAY SPORTS, THE BIGGEST NEWS AND TALK, AND THE HOTTEST ENTERTAINMENT AT YOUR FINGERTIPS, 24/7. ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT. SIRIUSXM SIGNAL COVERAGE SPANS OVER 3.7 MILLION SQUARE MILES, COAST TO COAST. NO LONGER WILL YOU WORRY ABOUT LOOSING RECEPTION. FOR MORE INFORMATION, VISIT WWW.SIRIUSXM.COM.  
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SOUNDSTREAM MULTIMEDIA SOURCE UNITS FEATURE BUILT-IN BLUETOOTH TECHNOLOGY, ALLOWING THE SAFE INTEGRATION OF SMARTPHONES AND OTHER DEVICES INTO THE CAR AUDIO SYSTEM. A2DP AND AVRCP PROFILES ALLOW FOR WIRELESS AUDIO STREAMING FROM THE MOBILE DEVICE TO THE CAR STEREO. SELECT MEDIA PLAYERS AND 3RD PARTY APPS CAN BE CONTROLLED FROM THE RECEIVERS TOUCHSCREEN, WHILE ENJOYING QUALITY SOUND FROM THE CAR AUDIO SYSTEM. PHONE CALLS CAN BE ACCEPTED OR REJECTED VIA THE RECEIVERS ON-SCREEN INTERFACE, USING MOST BLUETOOTH ENABLED MOBILE PHONES. IF ALLOWED, CONTACTS LISTS AND CALL LOGS ARE TRANSFERRED TO THE RECEIVER FOR EASY RECALL.



SOUNDSTREAM DVD DRIVES PLAYBACK TRADITIONAL DVD MOVIES, AS WELL AS MP4 AND XVID/DIVX VIDEO FILES FROM DVD-R DISCS. CD-ONLY PRODUCTS PLAYBACK TRADITIONAL CD'S, AS WELL AS MP3 AND WMA AUDIO FILES FROM CD-R DISCS.



SD AND MICRO SD CARD READER PORT CONNECTION FOR YOUR COMPATIBLE MEMORY CARDS WITH MP3 AND MVA AUDIO. WILL PLAYBACK VIDEO FILES OF AVI, MP4 AND XVID/DVIX FILES.



SOUNDSTREAM RECEIVERS FEATURE USB PORTS AND AUXILIARY (3.5MM) AUDIO INPUT, SOME ON THE FRONT PANEL FOR EASY CONNECTION. PLAYBACK MP3 AUDIO AND MP4 VIDEO FROM A USB FLASH DRIVE, OR PASS AUDIO FROM EXTERNAL MEDIA PLAYERS TO THE CAR AUDIO SYSTEM VIA AUX INPUT.



ALL SOUNDSTREAM RECEIVERS WITH A COLOR LCD INCLUDE A COMPOSITE RCA INPUT FOR A UNIVERSAL BACK-UP CAMERA, MAKING THE VEHICLES BLIND SPOT(S) VISIBLE. SELECT PRODUCTS INCLUDE AN ON-SCREEN DISTANCE GAUGE SHOWING AN ESTIMATED DISTANCE TO OBJECTS.



A CAPACITIVE TOUCH PANEL WITH SMARTSENSE SOPHISTICATED SENSORS PINPOINT THE LOCATION OF YOUR FINGER BY ABSORBING THE CONDUCTIVITY ON THE SURFACE OF YOUR SKIN. CRYSTAL-CLEAR GLASS SURFACE IMPROVES IMAGE QUALITY, ENHANCING THE VIEWING EXPERIENCE.



GLARE-RESISTANT RESISTIVE TOUCH PANELS USE TRADITIONAL PHYSICAL CONNECTIONS BETWEEN CONDUCTIVE POLYCARBONATE MEMBRANES TO EXECUTE CONTROL COMMANDS.



SELECT MULTIMEDIA SOURCE UNITS INCLUDE AN 8 OR 10-BAND GRAPHIC EQUALIZER. USERS CAN TUNE THE AUDIO TO THEIR TASTES BY INCREASING OR DECREASING THE LEVEL OF THE VARIOUS FREQUENCIES. SEVERAL PRE-SET GENRE EQS ARE INCLUDED.



ALL SOUNDSTREAM MULTIMEDIA SOURCE UNITS INCLUDE FRONT & REAR AUDIO OUTPUTS, WHILE SELECT PRODUCTS INCLUDE A DEDICATED SUBWOOFER RCA OUTPUT. SOURCE UNITS FEATURING DVD OR DIGITAL VIDEO PLAYBACK INCLUDE A COMPOSITE VIDEO OUTPUT TO CONNECT TO OTHER IN-CAR ENTERTAINMENT DEVICES.



OFFERING 7 COLOR COMBINATIONS, THE RGB FEATURE ALLOWS THE USER TO CUSTOMIZE THE COLOR ILLUMINATION FOR BUTTONS AND OTHER FACEPLATE ACCENTS. MATCH THE RECEIVER'S ILLUMINATION TO THE VEHICLES INTERIOR LIGHTING, OR CREATE A COLOR TO FIT ANY MOOD.



EACH SOUNDSTREAM HEAD UNIT FEATURES A CLASS A/B INTEGRATED CIRCUIT AUDIO AMPLIFIER BUILT-IN. IT'S 75 WATTS PEAK POWER IS SUFFICIENT FOR MOST FACTORY CAR SPEAKERS. SOUND STAGING OPTIONS INCLUDE BALANCE, FADE, AND A BASS & TREBLE LEVEL ADJUSTMENT.



MOBILELINK ENABLED IN-CAR ENTERTAINMENT PRODUCTS OFFER FULL MIRRORING BETWEEN SMARTPHONES AND TABLETS. SAFELY SHARE VIDEOS, PICTURES, AND ALL OTHER CONTENT ON YOUR MOBILE DEVICE WITH PASSENGERS. REQUIRES MHL HDMI INTERFACE CABLE, SOLD SEPARATE.



SOUNDSTREAM CEILING-MOUNTED & SEAT HEADREST IN-CAR ENTERTAINMENT PRODUCTS HAVE INFRARED WIRELESS AUDIO TRANSMITTERS BUILT-IN. MATCH AVAILABLE SINGLE OR DUAL CHANNEL WIRELESS HEADPHONES TO THE ENTERTAINMENT DEVICE.



SELECT CEILING MOUNTED & SEAT HEADREST IN-CAR ENTERTAINMENT PRODUCTS INCLUDE A MULTI-CHANNEL LOW ENERGY FM RADIO TRANSMITTER. WHIT IT, THE CAR RECEIVER CAN BE TUNED TO PICK-UP THE VIDEO'S AUDIO TRACK & PLAY THRU THE CAR AUDIO SYSTEM.



SELECT CEILING MOUNTED & SEAT HEADREST IN-CAR ENTERTAINMENT PRODUCTS HAVE COMPOSITE RCA AUDIO & VIDEO INPUTS TO DISPLAY VIDEO PLAYBACK FROM EXTERNAL MULTIMEDIA SOURCES.



DPA - Series

NEW FOR 2019

NEW FOR 2019, THE DIGITAL PRE-AMP AMPLIFIERS OFFER-UP AN INNOVATIVE 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)  
1-OHM MINIMUM MONOBLOCK IMPEDANCE STABILITY (DPA1)  
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
DIMENSIONS (4" W x 1.75" H)	9.00"	9.00"	12.00"

# Tarantula Electro

TARANTULA AMPLIFIERS CONTINUE TO DOMINATE THE SOUNDSTREAM AMPLIFIER ARSENAL. FOR THE NEWEST GENERATION, WE'VE MAINTAINED THEIR STABLE PERFORMANCE, BUT GIVEN THEM A UNIQUE APPEARANCE. EACH TARANTULA ELECTRO AMPLIFIER FEATURES A 12-POINT RGB LED LIGHTING SYSTEM, CONTAINING ITS OWN INDEPENDENT RGB CONTROL. A SIMPLE PRESS OF THE END PANEL MOUNTED SWITCH CHANGES THE COLOR TO ONE OF SEVERAL PRESETS, SLOW-MOTION COLOR CHANGE, OR RAPID FLASHING RANDOM COLOR. FOR MORE CUSTOM INSTALLS, A SINGLE COLOR CAN BE SELECTED DURING SLOW-MOTION COLOR CHANGE. TARANTULA ELECTRO MODELS INCLUDE 4CH, 1-OHM STABLE CLASS D 5CH & MONO-BLOCKS, AND AN ADDITIONAL .5-OHM STABLE 3,000W MONOBLOCK.



2-OHM STEREO & 4-OHM BRIDGED FULL RANGE OPERATION  
1-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
BRIDGE 2 MONOBLOCKS TOGETHER FOR DOUBLE POWER!  
MULTI-COLOR RGB LED ILLUMINATION ACCENT LIGHTING  
SOLID COLOR, FLASHING, RANDOM, OR SLOW-MOTION COLOR CHANGE  
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 & OUTPUT  
VARIABLE 12dB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12dB BASS BOOST INCREASES LOW OCTAVE HARMONICS (MONOBLOCK)  
180° PHASE SHIFT IMPROVES LOW OCTAVE DYNAMICS (MONOBLOCK)  
DASH MOUNT GAIN CONTROL MODULE INCLUDED (SELECT MODELS)

TARANTULA ELECTRO	T4.1500L	T5.2500DL	T1.4000DL	T1.6000DL
Max Power	1,500w	2,500w	4,000w	6,000w
RMS Power 4Ω	120 x 4	75 x 4 + 325 x 1	700 x 1	800 x 1
RMS Power 2Ω	180 x 4	125 x 4 + 500 x 1	1,300w	1,400 x 1
RMS Power 4Ω Bridged	360 x 2	250 x 2 + 750 x 1 (1Ω)	-	2,500 x 1 (1Ω)
RMS Power 1Ω Bridged	-	-	2,000w	3,000 x 1 (.5Ω)
Remote Gain Control	-	-	Included	Included
Dimensions (9" W x 2.50" H)	16.00"	17.25"	18.00"	20.50"



BASS XTREME Amplifiers



FOR THOSE WHO WANT THE MOST OUT THEIR CAR AUDIO SYSTEM, QUALITY SOUND PROCESSING IS A MUST. AFTER SOME SLIGHT ADJUSTMENTS, YOUR SYSTEM CAN SOUND LIKE IT HAS BEEN TUNED BY AUDIO PROFESSIONALS. BASS XTREME AMPLIFIERS OFFER SIMILAR SOUND PROCESSING OPTIONS BY INCLUDING THE FUNCTIONS OF A BASS EQUALIZER. COMMONLY ADDED IN-LINE BEFORE SUBWOOFER AMPLIFIERS, BASS EQUALIZERS BOOST LOWER FREQUENCY HARMONICS THAT HAVE BEEN COMPRESSED OR REMOVED FROM TODAY'S MUSIC RECORDINGS. DIAL-IN THE EXACT SOUND YOU WANT BY TUNING THE FREQUENCY TO BOOST, THEN, INCREASE THE BANDWIDTH RANGE FROM THAT FREQUENCY TO BOOST THE HARMONICS AROUND IT. UNLOCK THE BEST BASS FROM ANY SYSTEM WITH BASS XTREME AMPLIFIERS.

DIGITAL BASS RECONSTRUCTION PROCESSOR BUILT-IN  
ADDS IMPACT TO MUSIC W/ INSUFFICIENT SUB BASS  
27Hz-63Hz VARIABLE CENTER/SWEEP FREQUENCY  
VARIABLE Q/WIDTH TO BROADEN OR NARROW THE BANDWIDTH  
2.5V-10V OUTPUT VOLTAGE FOR OPTIMUM BASS TUNING  
LED MAX BASS INDICATORS WARNING OF EXTREME LEVELS  
1-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
BRIDGE 2 MONOBLOCKS TOGETHER FOR DOUBLE POWER!  
MOSFET POWER SUPPLY W/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE  
DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER  
200MV-6V HIGH LEVEL OR LOW LEVEL RCA INPUT & OUTPUT  
VARIABLE 12DB LOW PASS CROSSOVER BLOCKS HIGH FREQUENCIES  
VARIABLE 12DB SUBSONIC CROSSOVER PROTECTS SUBWOOFER  
180° PHASE SHIFT TO MATCH POLARITY OF SYSTEM SPEAKERS  
DASH MOUNT GAIN CONTROL MODULE INCLUDED



BUILT-IN BX BASS RESTORATION PROCESSOR

BXA SERIES



BASS XTREME	BXA1.5000D	BXA1.7500D	BXA1.10000D	BXA4.1800
Max Power	5,000w	7,500w	10,000w	1,800w
RMS Power 4Ω	700 x 1	1,000 x 1	1,400 x 1	150 x 4
RMS Power 2Ω	1,100 X 1	1,500 x 1	2,100 x 1	200 x 4
RMS Power 1Ω	1,650 X 1	2,500 x 1	3,300 x 1	400 x 2 (4Ω bridge)
Remote Gain Control	Included	Included	Included	-
Dimensions: (8.25" w x 2.25"h)	11.25"	15.75"	19.75"	11.75"

Rubicon NANO

RUBICON NANO AMPLIFIERS ADOPT THE OPTIMUM CLASS D PERFORMANCE, RELIABILITY, AND FOOTPRINT OF THE PICASSO NANO PLATFORM. AT FIRST GLANCE, YOU'LL NOTICE SEVERAL KEY IMPROVEMENTS. RUBICON NANO'S SIGNAL INPUTS, POWER/GROUND, AND SPEAKER CONNECTIONS ARE ALL RE-LOCATED TO THE LEADING EDGE OF THE CHASSIS, FOR AN EASIER, MORE APPEALING INSTALL. ALL PRE-AMP & CROSSOVER OPTIONS ARE CONVENIENTLY LOCATED ON THE TOP SURFACE, MAKING ADJUSTMENT AFTER INSTALLATION POSSIBLE. WHAT YOU MIGHT NOT NOTICE ARE ADDITIONS TO THE CIRCUIT BOARD, INCLUDING INCREASED POWER SUPPLY & OUTPUT STAGE COMPONENTS, & MONOBLOCK BRIDGING CAPABILITY. AVAILABLE RUBICON NANO MODELS INCLUDE A 4CH, 5CH, & CLASS D MONOBLOCKS UP TO 2,500 WATTS.



HIGH EFFICIENCY CLASS D FULL RANGE & MONOBLOCK AMPLIFIERS  
HYBRID ALUMINUM ALLOY HEATSINK FOR OPTIMUM DISSIPATION  
2-OHM STEREO & 4-OHM BRIDGED CLASS D FULL RANGE  
1-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
MONOBLOCK BRIDGING CAPABILITY FOR DOUBLE AMPLIFIER APPLICATION  
MOSFET POWER SUPPLY W/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE  
DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER  
200MV-6V LOW LEVEL RCA OR HIGH LEVEL SIGNAL INPUT  
QUICK DISCONNECT HIGH LEVEL WIRE HARNESS INCLUDED  
EASY DIY INSTALL SINGLE SIDED TERMINALS & CONTROLS  
4G POWER INPUT TERMINALS & 12G SPEAKER OUTPUT TERMINALS  
VARIABLE 12DB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12DB BASS BOOST INCREASES LOW OCTAVE HARMONICS  
DASH MOUNT GAIN CONTROL MODULE INCLUDED (MONOBLOCKS)

Rubicon Nano	RN4.1400D	RN5.2000D	RN1.3000D	RN1.5000D
Max Power	1,400w	2,000w	3,000w	5,000w
RMS Power 4Ω	125 x 4	75 x 4 + 300 x 1	600 x 1	1,000 x 1
RMS Power 2Ω	175 x 4	125 x 4 + 500 x 1	900 x 1	1,500 x 1
RMS Power 4Ω Bridged	350 x 2	250 x 2 + 500 x 1 (2Ω)	1,500 x 1 (1Ω)	2,500 x 1 (1Ω)
Remote Gain Control	-	Included	Included	Included
Dimensions: (6.50" w x 1.50"h)	9.00"	11.75"	10.25"	13.75"



# STEALTH

## Amplifiers

NEW FOR  
2019

AS IF HARNESSING POWER INTO THE ORIGINAL STEALTH AMPS WASN'T ENOUGH, STEALTH SHOT AMPS TAKE THE MINI AMP GAME TO THE NEXT LEVEL. USING THE LATEST IN INTEGRATED CIRCUIT CLASS D FULL RANGE AMPLIFIER TECHNOLOGY, NEVER BEFORE HAS THIS LEVEL OF AWESOMENESS BEEN PACKED INTO AN EVEN SMALLER 3" X 3" CHASSIS.

THE LINE-UP INCLUDES A QUAD SHOT 4 CHANNEL, DOUBLE SHOT 2 CHANNEL, AND A SINGLE SHOT MONOBLOCK. EACH CONFIGURATION HAS SUFFICIENT PRE-AMP CROSSOVERS FOR ANY SYSTEM, ACCEPTING HIGH LEVEL OR LOW LEVEL AUDIO SIGNAL. FOR APPLICATIONS WITHOUT A SOURCE UNIT, CONSIDER LINKING THESE POCKET SIZED SHOOTERS TO THE BLUETOOTH ENABLED STEALTH 4-CHANNEL. NO MATTER YOUR POISON, THESE SHOTS DO THE TRICK.



**MICRO SIZE**  
3" w x 3.75" l

SHOT AMPLIFIERS	ST2.500D	ST4.500D	ST1.500D
MAX Power	500w	500w	500w
RMS Power 4Ω	45 x 2	25 x 4	100 x 1
RMS Power 2Ω	75 x 2	45 x 4	150 x 1
RMS Power 4Ω Bridged	150 x 1	90 x 2	-
Remote Gain Control	-	-	Included
Dimensions (3"w x 1.5"h)	3.75"	4.25"	3.75"

HIGH EFFICIENCY CLASS D FULL RANGE & MONOBLOCK AMPLIFIERS  
HYBRID ALUMINUM ALLOY HEATSINK FOR OPTIMUM DISSIPATION  
2-OHM STEREO & 4-OHM BRIDGED FULL RANGE OPERATION  
2-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
MOSFET POWER SUPPLY W/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE  
DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER

200MV-12V HIGH LEVEL OR LOW LEVEL RCA INPUT  
QUICK DISCONNECT RCA/HIGH LEVEL WIRE HARNESS  
QUICK DISCONNECT POWER AND SPEAKER OUTPUT HARNESS  
VARIABLE 12DB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12DB BASS BOOST INCREASES LOW OCTAVE HARMONICS (ST1)  
DASH MOUNT GAIN CONTROL MODULE INCLUDED (ST1)



**ST4.1000DB**  
4-Ch. Amplifier w/ Bluetooth



**ST4.1000D**  
4-Ch. Amplifier

# STEALTH

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 MAKE STEALTH AMPLIFIERS GREAT FOR ANY CAR, MOTORCYCLE, BOAT, OR OFF-ROAD VEHICLE. STEALTH SERIES AMPLIFIERS INCLUDE A 500W 4CH MODEL WITH BUILT-IN BLUETOOTH 4.0. SEAMLESSLY CONNECT YOUR CELL PHONE OR OTHER ENABLED SMART DEVICE FOR CONTINUOUS AUDIO PLAYBACK AT YOUR FINGERTIPS. A GREAT ADDITION TO OFF-ROAD VEHICLES, MOTORCYCLES, OR PERSONAL WATERCRAFT MISSING A SOURCE UNIT.



**ST3.1000D**  
3-Ch. Amplifier

HIGH EFFICIENCY CLASS D FULL RANGE & MONOBLOCK AMPLIFIERS  
HYBRID ALUMINUM ALLOY HEATSINK FOR OPTIMUM DISSIPATION  
2-OHM STEREO & 4-OHM BRIDGED FULL RANGE OPERATION  
2-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
BUILT-IN BLUETOOTH V4.0 FOR WIRELESS MOBILE DEVICE PLAYBACK  
MOSFET POWER SUPPLY W/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE

DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER  
200MV-12V HIGH LEVEL OR LOW LEVEL RCA INPUT  
QUICK DISCONNECT RCA/HIGH LEVEL WIRE HARNESS  
QUICK DISCONNECT POWER AND SPEAKER OUTPUT HARNESS  
VARIABLE 12DB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12DB BASS BOOST INCREASES LOW OCTAVE HARMONICS (ST1)  
DASH MOUNT GAIN CONTROL MODULE INCLUDED (ST1)



Stealth Amplifiers	ST2.1000D	ST3.1000D	ST4.1000D	ST4.1000DB	ST4.1200D	ST1.700D	ST1.1000D
MAX Power	1,000w	1,000w	1,000w	1,000w	1,200w	700w	1,000w
RMS Power 4Ω	140 x 2	65 x 2 + 1 x 200	90 x 4	90 x 4	100 x 4	250 x 1	350 x 1
RMS Power 2Ω	250 x 2	100 x 2 + 1 x 300	125 x 4	125 x 4	150 x 4	350 x 1	500 x 1
RMS Power 4Ω Bridged	500 x 1	200 x 1 + 1 x 300	250 x 2	250 x 2	300 x 2	-	-
Remote Gain Control	Included	Included	-	-	-	Included	Included
Dimensions (3"w x 1.5"h)	6.50"	7.75"	6.50"	7.75"	7.75"	6.50"	7.75"



# Picassonano Amplifiers

CARS COME IN ALL DIFFERENT SHAPES, MOST IN THE SAME SIZE; COMPACT. SO, WE'VE ENGINEERED THESE MINI PICASSO'S TO FIT IN VIRTUALLY ANY LOCATION IN YOUR RIDE. OTHER SPORT COMPACT AMPLIFIERS USE BIZARRE TECHNOLOGIES WITH PSEUDO POWER SUPPLIES. PICASSO NANO'S USE TRIED AND TESTED MOSFET POWER SUPPLIES & TENACIOUS CLASS D CIRCUITRY.

nan



- SMALL COMPACT 4.75" WIDE CHASSIS
- 4-OHM BRIDGED/2-OHM STEREO CLASS D FULL RANGE
- 2-OHM STABLE CLASS D MONOBLOCKS
- 1-OHM STABLE CLASS D MONOBLOCK AVAILABLE
- MOSFET PWM POWER SUPPLY
- 80Hz 12dB HP OR LP CROSSOVER (2/4 CH.)
- 50-250Hz VARIABLE 12dB LP CROSSOVER (MONO)
- 10-50Hz VARIABLE 12dB SUBSONIC CROSSOVER (MONO)
- 12dB 45Hz BASS BOOST (MONO)
- 200MV-6V LOW LEVEL INPUT SENSITIVITY
- HIGH LEVEL INPUT
- DASH MOUNT REMOTE GAIN CONTROL

PICASSO NANO	PN2.350D	PN4.520D	PN4.1000D	PN5.640D	PN1.650D	PN1.1000D
MAX Power	700w	1,040w	2,000w	1,280w	1,300w	2,000w
RMS Power 4Ω	115 x 2	100 x 4	140 x 4	60 x 4 + 200 x 1	400 x 1	350 x 1
RMS Power 2Ω	175 x 2	130 x 4	250 x 4	80 x 4 + 350x 1	650 x 1	600 x 1
RMS Power 4Ω Bridged	350 x 1	260 x 2	500 x 2	160 x 2 + 350 x 1	-	1,000 x 1 (1Ω)
Remote Gain Control	-	-	-	Included	Included	Included
Dimensions (4.75"w x 1.5"h)	5.50"	9.25"	10.25"	10.25"	9.25"	10.25"



# ARACHNID Amplifiers

ARACHNID AMPLIFIERS ARE THE NEXT STEP IN PERFORMANCE AND VALUE. TAKING ADVANTAGE OF OUR TRIED AND TRUE CLASS A/B FULL RANGE AND IMPROVED EFFICIENCY CLASS D MONOBLOCK PLATFORMS, ARACHNID AMPLIFIERS CONTINUE DOWN THE ROAD OF RELIABILITY AND LONGEVITY YOU KNOW WELL.



ARACHNID AMPLIFIERS	AR4.1200	AR4.1800	AR1.2500D	AR1.4500D	AR1.8000D
MAX Power	1,200w	1,800w	2,500w	4,500w	8,000w
RMS Power 4Ω	120 x 4	180 x 4	500 x 1	900 x 1	1,500 x 1
RMS Power 2Ω	150 x 2	225 x 4	850 x 1	1,500 x 1	2,500 x 1
RMS Power 4Ω Bridged	300 x 2	450 x 2	1,250 x 1 (1Ω)	2,200 x 1 (1Ω)	4,000 x 1 (1Ω)
Remote Gain Control	-	-	Included	Included	Included
Dimensions (8.50"w x 2"h)	13.50"	15.75"	12.75"	13.75"	18.50"





**BX-23Q**  
DIGITAL BASS RECONSTRUCTION PROCESSOR W/ 3-BAND  
BASS EQUALIZER & LED LIGHTING

DIGITAL RECONSTRUCTION PROCESSOR ADDS IMPACT TO  
MUSIC W/ INSUFFICIENT LOWER OCTAVE LEVELS

3-BAND BASS EQUALIZER ENHANCES DYNAMIC CONTROL  
OF SUBWOOFER RESPONSE; 50Hz, 125Hz, 315Hz

DASH MOUNT REMOTE CONTROL W/ SUBWOOFER LEVEL  
CONTROL & VARIABLE 35Hz-80Hz SUBSONIC CROSSOVER

VARIABLE 27Hz-63Hz FREQUENCY SWEEP & VARIABLE  
CENTER FREQUENCY Q/WIDTH

13V MAX 2-CH./STEREO LOW LEVEL RCA OUTPUT  
& 2-CH./STEREO LOW-LEVEL RCA INPUT

AUTOMATIC COLOR CHANGING OR SELECTABLE SINGLE  
COLOR LED ILLUMINATED SPIDER LOGO

**BX-20Z**  
DIGITAL BASS RECONSTRUCTION PROCESSOR

MAX BASS CONTROL  
DASH MOUNT REMOTE CONTROL  
PFM SUBSONIC FILTER & BASS LEVEL CONTROL  
ILLUMINATED LOGO AND KNOBS  
CHROME LOGO PLATE  
BASS RESTORATION LIGHTED DISPLAY  
PARAMETRIC BASS CONTROL  
PFM SUBSONIC FILTER  
BALANCED INPUTS  
BASS OUTPUT CONTROL  
PWM HIGH HEAD ROOM POWER SUPPLY  
OUTPUT LEVEL: 13.5 VOLT  
FREQUENCY RESPONSE: 10Hz 100KHz  
THD: 0.002%  
S/N RATIO: 132dB  
BALANCED INPUT NOISE REJECTION: 60dB

**BX-15**  
DIGITAL BASS RECONSTRUCTION PROCESSOR

MAX BASS CONTROL  
PWM HIGH HEAD ROOM POWER SUPPLY  
BALANCED INPUT NOISE REJECTION: 60 dB  
FREQUENCY RESPONSE: 10Hz 100KHz  
DASH MOUNT REMOTE CONTROL  
PFM SUBSONIC FILTER & BASS LEVEL CONTROL  
ILLUMINATED LOGO AND KNOBS  
BRUSHED ALUMINUM CASE & HANDLES  
BASS RESTORATION LIGHTED DISPLAY  
PARAMETRIC BASS CONTROL  
PFM SUBSONIC FILTER  
BALANCED INPUTS  
BASS OUTPUT CONTROL  
OUTPUT LEVEL: 13.5 VOLT  
THD: 0.002%  
S/N RATIO: 132dB



**BX-12 (BLACK) BX-12W (WHITE)**  
DIGITAL BASS RECONSTRUCTION PROCESSOR

MAX BASS CONTROL  
PWM HIGH HEAD ROOM POWER SUPPLY  
FREQUENCY RESPONSE: 10Hz 100KHz  
DASH MOUNT REMOTE CONTROL  
BASS RESTORATION LIGHTED DISPLAY  
PARAMETRIC BASS CONTROL  
PFM SUBSONIC FILTER  
BALANCED INPUTS  
BASS OUTPUT CONTROL  
OUTPUT LEVEL: 13.5 VOLT  
THD: 0.003%  
S/N RATIO: 130dB  
BALANCED INPUT NOISE REJECTION: 60dB

**BX-10X**  
**BX-10 (BLACK) BX-10W (WHITE)**  
DIGITAL BASS RECONSTRUCTION PROCESSOR

MAX BASS CONTROL  
PWM HIGH HEAD ROOM POWER SUPPLY  
FREQUENCY RESPONSE: 10Hz 100KHz  
DASH MOUNT REMOTE CONTROL  
BASS RESTORATION LIGHTED DISPLAY  
PARAMETRIC BASS CONTROL  
PFM SUBSONIC FILTER  
BALANCED INPUTS  
BASS OUTPUT CONTROL  
OUTPUT LEVEL: 13.5 VOLT  
THD: 0.003%  
S/N RATIO: 130dB  
BALANCED INPUT NOISE REJECTION: 60dB

**PROX4.1**  
4-WAY ELECTRONIC CROSSOVER OPTIMIZED FOR EXTREME SPL APPLICATIONS

SIGNAL INPUT/OUTPUT OPTIONS:  
2CH. RCA FRONT/FULL RANGE STEREO OR OPTIONAL MIXED MONO INPUT  
OPTIONAL 180° PHASE INVERSION SWITCH FOR FRONT/FULL RANGE INPUT  
OPTIONAL 2CH. RCA OR FRONT/FULL RANGE INPUT FOR LOW/SUBWOOFER INPUT  
2CH. RCA FULL RANGE OUTPUT w/ MUTE SWITCH & VARIABLE 9V LINE DRIVER  
2CH. RCA OUTPUT FOR LOW/SUB, MID-LOW, MID-HIGH, & HIGH/TWEETER  
VARIABLE 9V MAX OUTPUT LINE DRIVER FOR ALL LOW, MID, & SUB CHANNELS  
DEDICATED MOMENTARY MUTE SWITCH FOR ALL LOW, MID, & SUB CHANNELS

HIGH/TWEETER SIGNAL PROCESSING OPTIONS:  
VARIABLE 1kHz-10kHz HIGH-PASS CROSSOVER

MID-HIGH SIGNAL PROCESSING OPTIONS:  
VARIABLE 12dB 550Hz-3kHz HIGH-PASS & 4kHz-20kHz LOW-PASS CROSSOVER

MID-LOW SIGNAL PROCESSING OPTIONS:  
VARIABLE 12dB 50Hz-400Hz HIGH-PASS & 30Hz-5kHz LOW-PASS CROSSOVER

LOW/SUBWOOFER SIGNAL PROCESSING OPTIONS:  
OPTIONAL 3-STAGE 24dB SUBSONIC FILTER  
VARIABLE 50Hz-350Hz 12dB LOW-PASS CROSSOVER  
DEDICATED 180° PHASE INVERSION SWITCH  
VARIABLE 0-12DB 45Hz BASS BOOST





EQualizers

MPQ-90  
1/2 DIN 9-BAND GRAPHIC EQ w/ SUBWOOFER LEVEL CONTROL

30V BIPOLAR SWITCHING POWER SUPPLY  
20DB HEADROOM ELIMINATED SIGNAL OVERLOAD  
SELECTABLE STEREO RCA INPUTS, MAIN OR AUX  
FRONT, REAR, & SUBWOOFER RCA OUTPUTS  
MASTER VOLUME/LEVEL CONTROL  
INDEPENDENT SUBWOOFER LEVEL CONTROL  
INDEPENDENT FADE CONTROL  
VARIABLE 60Hz-90Hz SUBWOOFER LOW PASS CROSSOVER  
NINE FREQUENCY BANDS WITH 18DB BOOST/CUT:  
50Hz, 120Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz  
BLUE BACKLIT CONTROL KNOBS  
S/N RATIO: 115dB  
THD: 0.05%  
STEREO SEPARATION: 82dB  
FREQUENCY RESPONSE: 10Hz-15kHz  
MAX OUTPUT VOLTAGE: 8V



MPQ-7B  
1/2 DIN 7-Band GRAPHIC EQ w/ SUBWOOFER LEVEL CONTROL

30V BIPOLAR SWITCHING POWER SUPPLY  
20DB HEADROOM ELIMINATED SIGNAL OVERLOAD  
2 SELECTABLE BALANCED RCA INPUTS w/ INPUT GAIN  
FRONT, REAR, & SUBWOOFER RCA OUTPUTS  
SEVEN FREQUENCY BANDS WITH +/- 18DB BOOST/CUT  
40Hz, 100Hz, 275Hz, 700Hz, 2kHz, 5kHz, 14kHz  
INDEPENDENT SUBWOOFER LEVEL CONTROL  
SELECTABLE LOW-PASS FILTER: 32Hz, 64Hz, 125Hz  
INPUT SELECTOR SWITCH  
FADE CONTROL  
BLUE BACKLIT CONTROL KNOBS  
S/N RATIO: 115dB  
THD: 0.05%  
STEREO SEPARATION: 82dB  
FREQUENCY RESPONSE: 10Hz-15kHz  
MAX OUTPUT VOLTAGE: 8V



MPQ-7XO  
1/2 DIN DUAL CHANNEL MULTI-BAND GRAPHIC EQ

20DB HEADROOM SWITCHING POWER SUPPLY  
BUILT-IN Low Noise Bi-FET Op-Amps  
2 SELECTABLE BALANCED RCA INPUTS w/ INPUT GAIN  
FRONT, REAR, & SUBWOOFER RCA OUTPUTS  
FOUR 18dB FRONT BANDS 125Hz; 500Hz; 3.5kHz; 12kHz  
THREE 18dB REAR BANDS 50Hz; 600Hz; 6.3kHz  
VARIABLE 18dB BASS BOOST; 20-70Hz  
INDEPENDENT SUBWOOFER LEVEL CONTROL  
SELECTABLE SUBSONIC FILTER: 32Hz; 64Hz; 125Hz  
FADE CONTROL  
BLUE BACKLIT CONTROL KNOBS  
FREQUENCY RESPONSE: 10-100kHz  
OUTPUT SIGNAL VOLTAGE Up To 8V  
THD: .05%  
SIGNAL-TO-NOISE RATIO: 115dB  
7" W X 4.25" D X 1.125" H



Amplifier Installation

Complete D.I.Y. Installation Kits

WK-00X  
0G INSTALLATION KIT w/ 200A ANL FUSE  
WK-40X  
4G INSTALLATION KIT w/ 100A MANL FUSE  
WK-80X  
8G INSTALLATION KIT w/ 60A MANL FUSE



ALL STANDARD KITS INCLUDE:  
17FT POWER WIRE  
3FT GROUND WIRE  
25FT SPEAKER WIRE  
17FT TWISTED PAIR RCA INTERCONNECT  
17FT REMOTE TURN-ON WIRE  
MANL OR ANL FUSE HOLDER w/ FUSE  
COMPLETE INSTALLATION ACCESSORIES

Power Capacitors

SCX-1.5  
1.5 FARAD POWER CAPACITOR

12-16 DC INPUT VOLTAGE  
RED LED VOLTAGE METER  
BOLT POST FOR RING TERMINAL



SCX-4  
4 FARAD POWER CAPACITOR

12-16 DC INPUT VOLTAGE  
BLUE LED VOLTAGE DISPLAY  
CHROME PLATED CHASSIS  
BOLT POST FOR RING TERMINAL





# Tarantula Subwoofer

IN RECENT YEARS, TARANTULA SUBWOOFERS HAVE EVOLVED TO MEET VARIOUS PERFORMANCE AND PLACEMENT GOALS, KEEPING YOUR, THE SOUNDSTREAM FANATIC, SUGGESTIONS IN MIND. HOWEVER, MORE OFTEN THAN NOT, WE HEAR YOUR CALLS TO BRING BACK A LEGEND. FOR THIS NEXT GENERATION, WE MADE A FEW CHANGES AND SEVERAL IMPROVEMENTS.

IMPROVEMENTS INCLUDE DIRECT CONNECT WIRE LEADS, OVER SATURATED 12MM TOP PLATE AND T-YOKE, & DOUBLE-STITCHED CONE TO HIGH DENSITY POLYETHER FOAM SURROUND FOR IMPROVED SOUND QUALITY. KEY COMPONENTS THAT YOU EXPECT FROM T5 STILL REMAIN; BIG ASS 1,000W 3" VOICE COIL, TRIPPLE-STACK MAGNET STRUCTURE, HIGH DENSITY SPRUCE PULP SUB-CONE, AND THE ICONIC BLACK-ON-BLACK SOUNDSTREAM SPIDER.



- 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 POLYURETHANE FOAM SURROUND W/ UV & CHEMICAL PROTECTION
- DUAL POLY-COTTON SUSPENSION DAMPEN VIOLENT ACCELERATIONS
- 1-PC GASKET/TRIM RING W/ CONCEALED MOUNTING HOLES INCLUDED

TARANTULA T5	T5.102	T5.104	T5.122	T5.124	T5.152	T5.154
MAX Power (watts)	1,800w		2,000w		2,600w	
RMS Power (watts)	900w		1,000w		1,300w	
Efficiency (1w/1m dB)	83.5dB		86dB		88dB	
Voice Coil Configuration	3" DVC 2Ω	3" DVC 4Ω	3" DVC 2Ω	3" DVC 4Ω	3" DVC 2Ω	3" DVC 4Ω
Mounting Depth	6.25"		7.25"		9.25"	
Optimum Sealed Box	0.75ft³		1.50ft³		2.00ft³	
Optimum Ported Box	1.25ft³		2.50ft³		4.00ft³	



Re-cone Kit Available

# Reference Subwoofer



## WOVEN FIBERGLASS COMPOSITE CONE

ALL REFERENCE R3 WOOFERS USE FIBERGLASS STRANDING WOVEN TOGETHER FOR ULTIMATE STRENGTH AND LESS ELASTICITY. A HEAVY SOAKING IN EPOXY COMBINED WITH THE SONIC QUALITIES OF PULP PAPER BACKING PROVES ITSELF WORTHY OF ANY SYSTEM.

## EXTENDED EXCURSION POLYURETHANE SURROUND

POLYURETHANE IS A FOAM COMPOUND USED IN THE MANUFACTURE OF COUNTLESS GASKET AND INSULATION PRODUCTS, KNOWN FOR ITS ADHESIVE BONDING PROPERTIES. REFERENCE R3 WOOFERS UTILIZE AN EXTENDED EXCURSION POLYURETHANE SURROUND FOR IT'S STRENGTH AND FLEXIBLE PROPERTIES DURING EXTREME MOVEMENT.

## 100% OFC 4-LAYER VOICE COIL

R3 WOOFERS USE GENEROUS 1.50" LONG, 2.5" DIAMETER 100% OFC COPPER VOICE COILS. A VENTED ALUMINUM FORMER EXTRACTS AND DISSIPATES ANY HEAT BUILD-UP, RESULTING IN IMPROVED POWER HANDLING.

## BACK PLATE & T-YOKE VENTING

HEAT BUILD-UP IS A LEADING CAUSE OF CATASTROPHIC WOOFER FAILURE. VENTING BUILT INTO THE T-YOKE, BACK PLATE, AND VOICE COIL EXTRACT AND DISSIPATE HEAT, ENSURING R3 WOOFERS KEEP THEIR COOL.

REFERENCE R3	R3.8	R3.10	R3.12
MAX Power (watts)	1,000w	1,400w	1,600w
RMS Power (watts)	500w	700w	800w
Efficiency (1w/1m)	80.70dB	82.10dB	84.66dB
Voice Coil Configuration	2.00" DVC 2Ω	2.5" DVC 2Ω	2.5" DVC 2Ω
Mounting Depth	5.25"	6.00"	6.875"
Optimum Sealed ft³	0.75ft³	1.00ft³	1.50ft³
Optimum Ported ft³	1.25ft³	1.50ft³	2.25ft³



# BASS XTREME

## BXW-124

COMPLIMENTING BASS XTREME AMPLIFIERS, 2019's BXW-12 WOOFERS COMBINE EXTREME PERFORMANCE AND AFFORDABILITY. EACH 12" WOOFER HAS A 4-LAYER 2" DUAL 4-OHM VOICE COIL, WITH SPRUCE PAPER CONES ATTACHED TO FOAM SURROUNDS TO KEEP THE MOMENTUM IN CHECK.

DOUBLE-STACK 114OZ MAGNET MOTOR STRUCTURE PROVIDE THE ENERGY TO GET'EM JUMPIN'. EACH WOOFER CAN HANDLE 800W RMS, AND 2,400W PEAK.

NEW FOR  
2019

BASS XTREME SUBWOOFERS	BXW-124
MAX Power (watts)	2,400w
RMS Power (watts)	800w
Efficiency (1w/1m)	86.40dB
Voice Coil Configuration	2" DVC 4Ω
Mounting Depth	5.875"
Optimum Sealed ft³	1.00ft³
Optimum Ported Box	2.00ft³

# Picasso

## SHALLOW SUBWOOFERS

PICASSO SHALLOW SUBWOOFERS COMBINE PERFORMANCE AND VALUE. THESE SHALLOW SUBWOOFERS PERFORM BEST IN SMALL SEALED ENCLOSURES, WITH MINIMAL POWER REQUIREMENTS, THANKS TO EFFICIENCIES IN CONE AND SUSPENSION DESIGN.

- 2-OHM STEREO & 4-OHM BRIDGED FULL RANGE OPERATION
- 1-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION
- BRIDGE 2 MONOBLOCKS TOGETHER FOR DOUBLE POWER!
- MULTI-COLOR RGB LED ILLUMINATION ACCENT LIGHTING
- SOLID COLOR, FLASHING, RANDOM, OR SLOW-MOTION COLOR CHANGE
- MOSFET POWER SUPPLY w/ AUDIOPHILE GRADE IRTM TRANSISTORS
- MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE
- DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER
- 200MV-6V HIGH LEVEL OR LOW LEVEL RCA INPUT & OUTPUT
- VARIABLE 12dB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS
- 12dB BASS BOOST INCREASES LOW OCTAVE HARMONICS (MONOBLOCK)
- 1800 PHASE SHIFT IMPROVES LOW OCTAVE DYNAMICS (MONOBLOCK)
- DASH MOUNT GAIN CONTROL MODULE INCLUDED (SELECT MODELS)

PICASSO SUBWOOFERS	PSW.104	PSW.124
MAX Power (watts)	500w	600w
RMS Power (watts)	250w	300w
Efficiency (1w/1m)	86.40dB	88.41dB
Voice Coil Configuration	2" SVC 4Ω	
Mounting Depth	3.00"	3.50"
Optimum Sealed ft³	0.75ft³	1.00ft³



# Powered Subwoofer



**PSB-10A** POWERED ENCLOSURE w/ PSW-10  
15H x 21.75"L x 5" (D1) 7" (D2)

**PSB-12A** POWERED ENCLOSURE w/ PSW-12  
15.25"H x 24"L x 5.25" (D1) 7.25" (D2)

COMPLIMENTING THE PICASSO SHALLOW FAMILY, THESE POWERED ENCLOSURES TAKE AWAY ALL THE HARD WORK OF AMPLIFIER AND SUB BOX INSTALLATION. THE AVAILABLE 10" AND 12" MODELS INCLUDE A 300W AMPLIFIER BUILT-IN, WITH CROSSOVERS AND BASS BOOST FOR OPTIMUM TUNING.



MS

NEW FOR  
2019



## Under Seat Woofer Enclosure

UNDER SEAT VENTED SUBWOOFER WITH DIE CAST ENCLOSURE AND TWO PASSIVE RADIATORS. AVAILABLE IN 8" AND 10" MODELS WITH BUILT-IN POWERED AMPLIFIER. BUILT-IN LO-PASS FILTERS AND BASS BOOST GAIN WITH BASS KNOB REMOTE CONTROL INCLUDED. BLUE LED TARANTULA LOGO. HIGH LEVER AND LOW LEVEL INPUTS WITH HI-LEVEL IN SENSING FOR OEM INTEGRATION.

### USB-8P

POWERED ENCLOSURE w/ 8" SUBWOOFER  
9.875"W x 3"H x 13.5"L

### USB-10P

POWERED ENCLOSURE w/ 10" SUBWOOFER  
11.25"W x 3"H x 15"L



Car Speakers

Picasso  
Components

IMPROVED EFFICIENCY DIAPHRAGM & MAGNET STRUCTURE  
CARBON FIBER INJECTION MOLDED POLYPROPYLENE CONE  
TREATED WOVEN CLOTH SURROUND  
PHASE PLUG IMPROVED DYNAMIC RESPONSE  
1" VOICE COIL ON ALUMINUM FORMER  
4-OHM SYSTEM IMPEDANCE  
QUICK DISCONNECT TERMINALS  
1" PIVOTING SOFT DOME TWEETER  
FLUSH OR SURFACE MOUNTING  
PASSIVE CROSSOVER INCLUDED  
FREQ-RESPONSE: 70-20KHZ

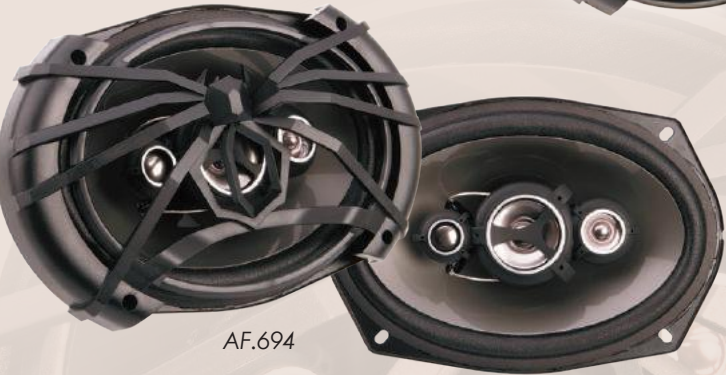
PF.6	
Size & Type	6.5" 2-way
MAX Power (watts)	350
RMS Power (watts)	120
System Efficiency	93dB
Top Mount Depth	2.5"



ARACHNID  
Speakers

IMPROVED EFFICIENCY DIAPHRAGM & MAGNET STRUCTURE  
INJECTION MOLDED POLYPROPYLENE CONE  
TREATED WOVEN CLOTH SURROUND  
PHASE PLUG IMPROVED DYNAMIC RESPONSE  
1" VOICE COIL ON ALUMINUM FORMER  
4-OHM SYSTEM IMPEDANCE  
QUICK DISCONNECT TERMINALS  
1" PIVOTING BALANCED DOME TWEETER  
FLUSH OR SURFACE MOUNTING  
PASSIVE CROSSOVER INCLUDED  
FREQ-RESPONSE: 70-20KHZ

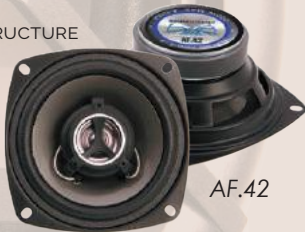
AC.6	
Size & Type	6.5" 2-way
MAX Power (watts)	300
RMS Power (watts)	100
System Efficiency	92dB
Top Mount Depth	2.50"



AF.694

AF.653

IMPROVED EFFICIENCY DIAPHRAGM & MAGNET STRUCTURE  
INJECTION MOLDED POLYPROPYLENE CONE  
TREATED WOVEN CLOTH SURROUND  
1" VOICE COIL ON ALUMINUM FORMER  
4-OHM SYSTEM IMPEDANCE  
QUICK DISCONNECT TERMINALS  
2" BALANCED DOME MYLAR MIDRANGE (694)  
1" BALANCED DOME MYLAR TWEETER



AF.42



AF.573



AF.52

ARACHNID SPEAKERS	AF.694	AF.653	AF.573	AF.52	AF.42
Size and Configuration	6"x9" 4-way	6.5" 3-way	5"x7" 3-way	5.25" 2-way	4" 2-way
MAX Power (watts)	500	300	350	250	200
RMS Power (watts)	170	100	120	80	70
Efficiency (1w/1m dB)	93.00	92.00	92.00	90.00	90.00
Mounting Depth	3.25"	1.75"	2.625"	2.25"	1.75"

Tweeters

TWS.1  
1" Soft Dome Tweeter

FERROFLUID COOLED  
NEODYMIUM MAGNET  
TRI-MOUNTING - FLUSH, SURFACE OR ANGLE  
12dB/OCTAVE PASSIVE CROSSOVER INCLUDED  
RATED INPUT POWER: 110W  
IMPEDANCE: 4OHM  
FREQ. RESP. 3KHZ - 20KHZ  
SPL 93dB



TWS.3N  
1" PEI Dome Tweeter

TRI-MOUNTING - FLUSH, SURFACE OR ANGLE  
ADJUSTABLE EYEBALL DESIGN  
BUILT-IN 12 dB IN-LINE CROSSOVER  
RATED INPUT POWER: 110W  
IMPEDANCE: 4 OHM  
FREQ. RESP. 2KHZ-21KHZ  
SPL 94dB



TWS.4  
1" TANTALUM Dome Tweeter

POLISHED ALUMINUM HOUSING  
DUAL-MOUNTING - SURFACE OR ANGLE  
BUILT-IN 12 dB IN-LINE CROSSOVER  
RATED INPUT POWER: 110W  
IMPEDANCE: 4 OHM  
FREQ. RESP. 5KHZ-25KHZ  
SPL 95dB



TWT.5  
1" PEI Dome Tweeter

SURFACE OR ANGLED MOUNTING  
12dB PASSIVE CROSSOVER INCLUDED  
RATED INPUT POWER: 110W  
IMPEDANCE: 4 OHM  
FREQ. RESP. 2KHZ-21KHZ  
SPL 97dB



TWS.7  
1" PEI Dome Tweeter

FERROFLUID COOLED  
NEODYMIUM MAGNET  
TRI-MOUNTING - FLUSH, SURFACE OR ANGLE  
12dB/OCTAVE PASSIVE CROSSOVER INCLUDED  
RATED INPUT POWER: 110W  
IMPEDANCE: 4OHM  
FREQ. RESP. 3KHz - 20KHz  
SPL 93dB





Components



SM.650PROC

Components



SM.650C



SM.800PRO

SM.650PRO

SM PRO Series Speakers	SM.650PROC (pr.)	SM.650PRO (pr.)	SM.800PRO (pr.)
Size	6.5"		8"
MAX Power Handling	250w		400w
RMS Power Handling	125w		200w
Impedance	4-Ohm		4-Ohm
Frequency Response	150-25kHz	150-10kHz	100-10kHz
Efficiency (1w/1m)	96dB	94dB	97dB
Mounting Depth	3.00"		3.50"



SM.650

SM.690

SM Series Speakers	SM.650 (pr.)	SM.650C (pr.)	SM.690 (pr.)	SM.800 (pr.)
Size	6.5"	6"	6" x 9"	8"
MAX Power Handling	200w	250w	300w	
RMS Power Handling	100w	125w	150w	
Impedance	4-Ohm	4-Ohm	4-Ohm	4-Ohm
Frequency Response	150Hz-25kHz	150Hz-25kHz	100Hz-10kHz	100Hz-10kHz
Efficiency (1w/1m)	93dB	91dB	93dB	94dB
Mounting Depth	2.75"	3.00"	3.25"	



SM.800



Components



SME.650C

SME.650



SPT.05

SPT.06



SM2.650



SME.800



SPT.20



SPT.22



SM2.800

DRIVERS



SPD.200

SPD.300

SPD.400

SME Series Speakers	SME.650C (pr.)	SME.650 (pr.)	SME.800 (pr.)	SM2.650 (pr.)	SM2.800 (pr.)
Size	6.5"		8"	6.5"	8"
MAX Power Handling	200w		250w	250w	400w
RMS Power Handling	100w		125w	125w	200w
Impedance	4-Ohm		4-Ohm	4-Ohm	4-Ohm
Frequency Response	150-25kHz	150-10kHz	100-10kHz	150-25kHz	100-25kHz
Efficiency (1w/1m)	93dB	91dB	94dB	94dB	97dB
Mounting Depth	2.50"		3.50"	3.50"	4.50"

Pro Audio Tweeters	SPT.05 (pr.)	SPT.06 (pr.)	SPT.20 (pr.)	SPT-22 (pr.)	SPD-200 (ea.)	SPD-300 (ea.)	SPD.400 (ea.)
MAX Power Handling	250w	350w	350w	600w	200w	300w	400w
RMS Power Handling	125w	175w	175w	300w	100w	150w	200w
Voice Coil & Diaphragm	1" Aluminum	1" Aluminum	1" Aluminum	1.75" Aluminum	1" Phenolic	1.75" Titanium	3" Titanium
Impedance	4-Ohm	4-Ohm	4-Ohm	4-Ohm	4-Ohm	4-Ohm	4-Ohm
Frequency Response	2kHz-20kHz	2kHz-25kHz	2kHz-20kHz	2kHz-25kHz	3kHz-20kHz	1.5kHz-20kHz	500Hz-25kHz
Efficiency (1w/1m)	104dB	102dB	105dB	106dB	101dB	107dB	110dB
Mounting Depth	2.00"	1.125"	2.125"	2.50"	4.75"	8.25"	7.50"



# MARINE POWERSPORT Head Units

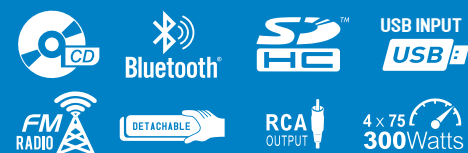
**MHU-32SXM**  
MARINE GRADE DIGITAL MEDIA PLAYER w/ SIRIUSXM INTERFACE,  
32GB USB PLAYBACK, BLUETOOTH V4.0, & 3-ZONE AUDIO



**UPGRADES INCLUDE:**  
READY FOR SIRIUS XM SATELLITE RADIO TUNER SXV300;  
ENJOY OVER 140 CHANNELS, INCLUDING COMMERCIAL-FREE MUSIC  
PLUS THE BEST SPORTS, NEWS, TALK, COMEDY AND ENTERTAINMENT  
3.2" COLOR TFT LCD DISPLAY w/ INTERACTIVE GRAPHIC USER INTERFACE  
REAR USB INPUT FOR MP4 VIDEO, MP3 & OTHER AUDIO FILE PLAYBACK  
3-ZONE AUDIO OUTPUTS w/ INDEPENDENT VOLUME LEVEL;  
4V 2-CHANNEL STEREO PRE-AMP RCA OUTPUTS (x3)  
4V 2-CHANNEL SUBWOOFER PRE-AMP RCA OUTPUT  
INDEPENDENT SUBWOOFER VOLUME LEVEL & CROSSOVER



**SMR-21B**  
SINGLE DIN CD PLAYER w/32GB USB PLAYBACK & BLUETOOTH



**MHU-32**  
MARINE GRADE DIGITAL MEDIA PLAYER w/32GB USB  
PLAYBACK, BLUETOOTH V4.0, & 2-ZONE AUDIO



## GENERAL INFORMATION

MARINE GRADE IP65 WATERTIGHT ENCLOSURE CONSTRUCTION  
CONFORMAL COATED PRINTED CIRCUIT BOARDS & COMPONENTS  
ZERO CURRENT DRAW EPROM MEMORY RETAINS PRESETS  
QUICK DISCONNECT WIRE HARNESS FOR PRE-WIRE INSTALLATIONS  
ALUMINUM U-BRACKET MOUNTING HARDWARE INCLUDED  
WATERPROOF RUBBER KEYS w/ 7-COLOR LED BACKLIGHTING  
DIGITAL MEDIA PLAYER w/ AM/FM & WEATHERBAND TUNER  
BLUETOOTH V4.0 HANDS FREE CALLING FROM ENABLED DEVICES  
A2DP WIRELESS AUDIO PLAYBACK FROM ENABLED DEVICES  
REAR USB INPUT FOR MP3 & OTHER AUDIO FILE PLAYBACK  
SECOND ZONE AUDIO OUTPUT w/ INDEPENDENT VOLUME LEVEL  
2-BAND EQUALIZER WITH AUDIO STAGING CONTROLS  
300W 4-CHANNEL HIGH LEVEL SPEAKER OUTPUTS, 4-OHM STABLE  
2-CHANNEL STEREO RCA AUDIO INPUT FOR PERSONAL MEDIA PLAYERS  
ON-SCREEN BATTERY LOW VOLTAGE WARNING INDICATOR  
OVERALL DIMENSION: 5 1/8" W x 3" H x 2.25" D

## GENERAL INFORMATION

1-DIN DIGITAL AUDIO ENTERTAINMENT SYSTEM  
ISO 1-DIN CHASSIS, MOUNTING SLEEVE INCLUDED  
THEFT-DETERRENT DETACHABLE FACEPLATE w/ CASE  
BLUETOOTH 4.0 PHONE CALLING + A2DP AUDIO STREAMING

## DIGITAL MEDIA PLAYBACK

AUDIO PLAYBACK FROM CD & CDR DISCS (VCD-21B)  
AUDIO PLAYBACK FROM 64GB USB OR FULL SIZE SD CARD  
MP3 & WMA AUDIO FILE TYPE PLAYBACK

## AUDIO/VIDEO IN's & OUT's

AUX AUDIO (3.5MM) INPUT FOR EXTERNAL DEVICES ON FRONT PANEL  
AUX AUDIO RCA INPUT FROM EXTERNAL SOURCES ON BACK PANEL  
4CH PREAMP RCA OUTPUTS; FRONT L/R + REAR L/R  
4CH: 300W MAX CLASS A/B FULL RANGE SPEAKER AMPLIFIER

# Rubicon nano

# MARINE POWERSPORT Amplifier

HIGH EFFICIENCY CLASS D FULL RANGE AMPLIFIERS  
HYBRID ALUMINUM ALLOY HEATSINK FOR OPTIMUM DISSIPATION  
2-OHM STEREO & 4-OHM BRIDGED CLASS D FULL RANGE  
1-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
MOSFET POWER SUPPLY w/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE  
SPASH RESISTANT CONFORMAL COATED CIRCUIT BOARDS  
DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER  
200MV-6V LOW LEVEL RCA OR HIGH LEVEL SIGNAL INPUT  
QUICK DISCONNECT HIGH LEVEL WIRE HARNESS INCLUDED  
EASY DIY INSTALL SINGLE SIDED TERMINALS & CONTROLS  
4G POWER INPUT TERMINALS & 12G SPEAKER OUTPUT TERMINALS  
VARIABLE 12DB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12DB BASS BOOST INCREASES LOW OCTAVE HARMONICS  
DASH MOUNT GAIN CONTROL MODULE INCLUDED



Rubicon Nano	MR4.1400D	MR5.2000D	MR1.2000D
RMS Power 4Ω	125 x 4	75 x 4 + 300 x 1	400 x 1
RMS Power 2Ω	175 x 4	125 x 4 + 500 x 1	600 x 1
RMS Power 4Ω Bridged	350 x 2	250 x 2 + 500 x 1 (2Ω)	1,000 x 1 (1Ω)
Remote Gain Control	-	Included	Included
Dimensions: (6.50" w x 1.50"h)	9.00"	12.00"	10.00"

# STEALTH

95%+ Efficient  
Class D Full Range

Only 3" x 1.5" !

Install-Me-Anywhere  
Micro Footprint



**ST4.1000DB**  
4-Ch. Amplifier  
w/ Bluetooth



HIGH EFFICIENCY CLASS D FULL RANGE & MONOBLOCK AMPLIFIERS  
HYBRID ALUMINUM ALLOY HEATSINK FOR OPTIMUM DISSIPATION  
2-OHM STEREO & 4-OHM BRIDGED FULL RANGE OPERATION  
2-OHM MINIMUM IMPEDANCE MONOBLOCK OPERATION  
BUILT-IN BLUETOOTH V3.0 FOR WIRELESS MOBILE DEVICE PLAYBACK  
MOSFET POWER SUPPLY w/ AUDIOPHILE GRADE IRTM TRANSISTORS  
MILITARY GRADE SMT PCB MAINTAINS DYNAMIC PERFORMANCE  
SPASH RESISTANT CONFORMAL COATED CIRCUIT BOARDS  
DIRECT SHORT, THERMAL, & OVERLOAD CIRCUITS PROTECT AMPLIFIER  
200MV-12V HIGH LEVEL OR LOW LEVEL RCA INPUT  
QUICK DISCONNECT RCA/HIGH LEVEL WIRE HARNESS  
QUICK DISCONNECT POWER AND SPEAKER OUTPUT HARNESS  
VARIABLE 12DB HIGH PASS, LOW PASS, & SUBSONIC CROSSOVERS  
12DB BASS BOOST INCREASES LOW OCTAVE HARMONICS (SM1)  
DASH MOUNT GAIN CONTROL MODULE INCLUDED (SM1)

Stealth Amplifiers	SM4.1000D	SM1.700D	ST4.1000DB
RMS Power 4Ω	90 x 4	250 x 1	90 x 4
RMS Power 2Ω	125 x 4	350 x 1	125 x 4
RMS Power 4Ω Bridged	250 x 2	-	250 x 2
MAX Power	1000w	700w	1000w
Remote Gain Control	-	Included	-
Dimensions (3"w x 1.5"h)	6.50"	6.50"	7.75"



# WAKE TOWER SPEAKERS

WTS Wake Tower Speakers offer maximum performance in the open air environment of any boat or off-road vehicle. Considering extreme outdoor conditions, WTS systems use the best materials to defend potentially damaging effects of water and UV sunlight, and impact resistance. Additional options for WTS enclosures include bright white or RGB LED grill rings, and a rear mounted high intensity LED spot light. Each WTS enclosure is pre-wired for the optional LED rings and spot light, making future add-on simple.

Immediately available WTS sets include 6.5" & 8" coaxial, in brilliant gloss white and black. Available spring 2017 in time for the 2017 boat season, an additional 8" coaxial set will feature a high efficiency horn loaded compression tweeter and midrange driver. Whatever your application, WTS speaker systems are guaranteed to carry your tunes across any lake, river, or desert.

## ENCLOSURE CONSTRUCTION

WTS enclosure construction begins with CENTREX, a material made in the USA, that offers incredible advantages to traditional polymer materials. CENTREX is resilient to extreme temperatures, chemicals, & weathering, while maintaining impervious structural density. WTS enclosures resist harmful sunlight from deteriorating its brilliant coloring thanks to a UV inhibitor blended with the raw CENTREX material.

Following the concept of superior materials, WTS mounting clamps are cast aluminum, with adjustment to 2.5" diameter, and can rotate 360°. Included rubber inserts accommodate installation to most round or oval watercraft wake towers and off-road vehicle roll cages. All speaker, LED ring, and LED spot light pre-wire passes thru the mounting bracket center, keeping all wiring contained in a dry environment.

## SPEAKER CHARACTERISTICS

Coaxial speakers of WTS use waterproof materials, including blended polypropylene-mica cones, titanium dome tweeter, and rubber gaskets around the tweeter bridge. A neoprene gasket under the speaker frame prevents moisture from entering the enclosure, eliminating the possibility of electrical shorting. Color matching grills made of CENTREX and a stainless steel mesh over the tweeter prevent harmful damage by rogue debris.

**WTS-6W**  
**WTS-6B**  
**WTS-8W**  
**WTS-8B**  
**WTS-LED**  
**LED-6W**  
**LED-6RGB**  
**LED-8W**  
**LED-8RGB**  
**LED-10RGB**

Pair (2) of Gloss White 6.5" Wake Tower Speakers  
Pair (2) of Gloss Black 6.5" Wake Tower Speakers  
Pair (2) of Gloss White 8" Wake Tower Speakers  
Pair (2) of Gloss Black 8" Wake Tower Speakers  
Pair (2) of LED Spot Lights for WTS  
Pair (2) of 6.5" Bright White LED Speaker Rings  
Pair (2) of 6.5" RGB LED Speaker Rings  
Pair (2) of 8" Bright White LED Speaker Rings  
Pair (2) of 8" RGB LED Speaker Rings  
Single (1) 10" RGB LED Speaker Ring





# MARINE

## POWERSPORT Speakers

MCS COAXIAL SPEAKERS AND MSW SUBWOOFER ARE A NECESSITY TO ROCKIN' OUT IN YOUR BOAT OR OFF-ROAD VEHICLE. USING THE SAME CRITICAL MOISTURE AND UV RESISTANT CENTREX™ MATERIAL OF THE WTS WAKE TOWER ENCLOSURES, YOU CAN BET THEY WITHSTAND EXTREME OUTDOOR CONDITIONS. EVERYONE WILL HEAR YOU COMING THANKS TO ULTRA-LIGHT WEIGHT BLENDED POLYPROPYLENE-MICA CONES AND EAR PIERCING TITANIUM DOME TWEETER. EACH SPEAKER SET AND SUBWOOFER INCLUDES MATCHING GLOSS WHITE AND GLOSS BLACK GRILLS WITH ANODIZED ALUMINUM MESH, AND ARE PRE-WIRED TO INSTALL OPTIONAL RGB LED GRILL RINGS. FOR THAT EXTRA EDGE OVER THE NEXT GUY, CHECK OUT THE 10" MCS COAXIAL SPEAKER, GUARANTEED TO KNOCK ANYONE OFF THEIR FEET!!!

PREMIUM MARINE GRADE 6.5", 8", 10" SPEAKERS & 10" SUBWOOFER  
INJECTION MOLDED FRAME & GRILL USING CENTREX® 814 UV RESISTANT POLYMER  
ELECTRO-MAGNETIC COMPONENTS SEALED INTERNALLY WITHIN THE FRAME STRUCTURE  
BRUSHED ALUMINUM GRILL MESH PREVENTS ACCIDENTAL PUNCTURES  
MATCHING GLOSS BLACK & GLOSS WHITE GRILLS INCLUDED WITH EACH SET  
INJECTION MOLDED POLYPROPYLENE-MICA COMPOSITE SPEAKER CONE  
1.25" EXTREME TEMPERATURE TOLERANT VOICE COIL W/ EPOXY COATING  
1" FORMED TITANIUM EXTENDED FREQUENCY RANGE DOME TWEETER  
CLOSED-BACK COAXIAL TWEETER W/ ISOLATED ELECTRICAL CONNECTIONS  
CHEMICAL AND UV RESISTANT THERMO-FORMED RUBBER GASKETS & SURROUND  
PRE-WIRED CONNECTION TERMINALS FOR AVAILABLE LED LIGHT RINGS BUILT-IN



MCS.65



MCS.80

MCS.10

MARINE SPEAKERS	MCS.65	MCS.80	MCS.10
Size and Configuration	6.5" 2-way	8" 2-way	10" 2-way
MAX Power (watts)	200w	250w	300w
RMS Power (watts)	100w	125w	150w
Efficiency (1w/1m dB)	89.30dB	90.20dB	90.60dB
Mounting Depth	3.50"	4.00"	4.50"

# MARINE

## POWERSPORT Subwoofers



MSW.102/104

MARINE SUBWOOFER	MSW.102	MSW.104
MAX Power (watts)	600w	
RMS Power (watts)	300w	
Efficiency (1w/1m)	86.40dB	
Voice Coil Configuration	2" DVC 2Ω	2" DVC 4Ω
Mounting Depth	4.50"	
Optimum Sealed ft³	0.75ft³	
Optimum Ported ft³	1.00ft³	



LED-RGB



LED-W

- LED-6W

LED-6RGB

LED-8W

LED-8RGB

LED-10RGB
- PAIR (2) OF 6.5" BRIGHT WHITE LED SPEAKER RINGS

PAIR (2) OF 6.5" RGB LED SPEAKER RINGS

PAIR (2) OF 8" BRIGHT WHITE LED SPEAKER RINGS

PAIR (2) OF 8" RGB LED SPEAKER RINGS

SINGLE (1) 10" RGB LED SPEAKER RING





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