



Velocity Power

Car Sound Entertainment System

VELOCITY POWER DIGITAL SIGNAL PROCESSOR

32 Bit Processor | HiFi AD/DA Converter | PC Tuner Software



Bluetooth
Dongle

(PS: Needs to be purchased separately)

MP 68

MP 68 A



Part Number

MP 68

1 141 18 001 02 01

MP 68A

1 141 18 002 02 01

MP 68

- Inputs : 6x RCA/Aux-in, 6x Hi-level Speaker Inputs, 1x Optical SPDIF(12Hz-96kHz), 1x Remote-in, 1x COAX-in, 1x Aux(3.5mm Jack)
- Input Sensitivity : RCA/Cinch 400mv
Hi-level input 5-10V/10-20V
- Outputs : 8x RCA/Cinch, 1x Remote-out
- Output Voltage RCA/Cinch : >5Volts RMS
- Frequency Response : 20Hz - 22KHz
- DSP Resolution : 32 bit
- DSP Frequency : 295MHz(1.2 billion MAC operations/Second)
- Sampling Rate : 48KHz
- A/D Signal Converters : BurrBrown
- D/A Signal Converters : BurrBrown
- Digital Input S/N : 105dB
- Analog Input S/N : 100dB
- Total Harmonic Distortion : <0.015%
- Damping Factor : >70
- RCA Input Impedance : 22kOhms
- Hi-level Input Impedance : 200Ohms
- Operating Voltage : 9-15V (Max. 5 sec. under 16V)
- Additional Features : Control Input, USB, HEC slot
- Dimensions (W x L x H) : 180 x 130 x 39mm

MP 68A

- Output Power @ 4 ohms : 80 watts/channel($\leq 1\%$ TH+N)
- Output Power @ 2 ohms : 120 watts/channel($\leq 1\%$ TH+N)
- Inputs : 2x RCA/Aux-in, 6x Hi-level speaker inputs, 1x Optical SPDIF(12Hz-96kHz), 1x Remote-in
- Input Sensitivity : RCA/Cinch 400mv, Hi-level 5-10V/10-20V
- Outputs : 8x speaker, 2x RCA/Cinch, 1x Remote-out
- RCA/Cinch Output Voltage : >5Volts RMS
- Frequency Response : 20Hz - 22kHz
- DSP Resolution : 32 bit
- DSP Frequency : 295MHz(1.2 billion MAC operations/Second)
- Sampling Rate : 48KHz
- A/D Signal Converters : BurrBrown
- D/A Signal Converters : BurrBrown
- Digital Input S/N : 105dB (A-weighted)
- Analog Input S/N : 100dB (A-weighted)
- Total Harmonic Distortion : <0.015%
- Damping Factor : >70
- RCA Input Impedance : 22kOhms
- Hi-level Input Impedance : 200Ohms
- Operating Voltage : 9-15V (Max. 5 sec. under 16V)
- Additional Features : Control input, USB, HED slot
- Dimensions (W x L x H) : 385 x 163 x 47mm

VELOCITY POWER DSP WITH AMPLIFIER

MPD 48 A

PC/Android Tuner Software | Auto Tuning | 4-Channel High/Low Level Inputs|

8-Channel RCA Outputs | 4-Channel Speaker Outputs



Bluetooth Dongle

(PS: Needs to be purchased separately)



Auto Tuning Microphone

(PS: Needs to be purchased separately)



Part Number

1 141 19 003 02 01

Specifications

- RMS Output Power : 4x25W(@4Ω), 4x40W(@2Ω)
- DSP Resolution : 24bit
- DSP Frequency : 48kHz
- Output Power@4 ohms($\leq 1\%$ THD+N): 4x25W
- Output Power@2 ohms($\leq 1\%$ THD+N): 4x40W
- Total Harmonic Distortion : $< 0.005\%$
- Damping Factor : > 70
- Operating Voltage : 10-14.4V
- Sampling Rate : 48kHz
- A/D Signal Converter : Cirrus Logic
- D/A Signal Converter : Cirrus Logic

Inputs

- 4-Channel RCA inputs
- 4-Channel Hi-level speaker inputs
- Remote-in x1
- USB port x1
- RCA/Cinch Sensitivity : 250mV
- Hi-level Input Impedance : 1000 Ohms
- Analog Inputs S/N : 100dB

Outputs

- 8-Channel RCA outputs
- 4-Channel Hi-level Speaker outputs
- Remote-out x1
- RCA/Cinch Rated Voltage : 4V

Features

- Built-in 4x30W Class AB amplifier
- Max. Output Power : 200W
- Frequency Response : 10Hz-20kHz
- Dimensions (W x L x H) : 202 x 168 x 52mm
- Net Weight : 1.15kg

VELOCITY POWER DSP WITH CLASS D AMPLIFIER MPD 46 A

Audiophile Operational Amplifier Chip | Compact Size | 4-CH Highlevel Inputs | 2-CH RCA Outputs | 4-CH Speaker Outputs



Part Number
1 141 19 007 02 01

Specifications

- RMS Output Power : 4x43W(4Ω)
- DSP Resolution : 32bit
- Output Power@4 ohms(≤1% THD+N): 43W/CH
- Total Harmonic Distortion : <0.015%
- Damping Factor : >70
- Operating Voltage : 10-15V
- Sampling Rate : 48kHz
- A/D Signal Converter : Burr - Brown
- D/A Signal Converter : Burr - Brown

Inputs

- 4-Channel Hi-level Inputs
- USB port x1
- Hi-level Input Impedance : 1000 Ohms
- S/N Analog Input : 100dB

Outputs

- 2-CH RCA Outputs
- 4-CH Hi-level Outputs
- RCA / Cinch rated voltage : 0.9 V RMS

Features

- Built-in 4x43W Class D amplifier
- Max. Output Power : 180W
- Frequency Response : 10Hz-20kHz
- Dimensions (W x L x H) : 153 x 112 x 45mm
- Net Weight : 0.92kg

VELOCITY POWER ACTIVE SUBWOOFER

XLf 220 A

Dual 8" Subwoofers | 550W Max Output Power | Space Efficient



Dual Speaker Design
dual 8" Subwoofers



550W Max Power
outstanding max power



Space Efficient
vertical or horizontal position



Volume Control

Part Number

1 113 19 010 02 01

Display

- Speaker Size : Dual 8"
- Cone Composition : Aluminum
- Magnet Type : Ferrite
- Enclosure Housing Material : Aluminum
- Dimensions (W x L x H) : 504 x 340 x 85mm
- Net Weight : 5kg

Amplifier

- Amplifier Technology : Class AB
- Nominal Output Power (RMS) : 220W
- Max Output Power : 550W
- Input Sensitivity : RCA input 82mV , Speaker Input 0.8V
- Signal/Noise Ratio : 91dB
- Impedance : Dual (2 ohms+2 ohms)
- Frequency Response : 30Hz-150Hz
- Low Pass Filter (LPF) : 50Hz - 100Hz
- Operating Voltage : 14.4V(10V - 16V)
- Phase Switch : 0 deg/180 deg
- Automatic ON/OFF : Hi-level input only
- Fuse : 15A
- Gain : 200mV ~ 6V
- Overload Protection & Thermal Short Circuit : Included

Accessories

- Remote Controller : Wired
- Screws (Parker-Type) : 14× (M5×18mm)
- Screws (M-Type) : 4 x (M4 x 50mm)
- Net Weight : 9kg (without accessories)

VELOCITY POWER ACTIVE SUBWOOFER

XLf 200 AW

Fits 15" above Spare Tires | 3 Fire Positions



Space Efficient



500W Max Power
outstanding max power



Easy Installation
easy to handle & space efficient



Remote Control

Part Number
1 113 18 006 02 01

Display

- Speaker Size : 12"
- Magnet Type : Ferrite
- Cone Composition : Fiber Glass
- Enclosure Housing Material : Aluminum

Amplifier

- Amplifier Technology : Class AB
- Nominal Output Power : 200W
- Max Output Power : 500W
- Signal/Noise Ratio : >90dB
- Impedance : 2 ohms
- Frequency Response : 20Hz - 150Hz
- Low Pass Filter : 50Hz - 150Hz
- Operating Voltage : 14.4V(10V - 16V)
- Phase Switch : 0 deg/180 deg
- Automatic ON/OFF : Hi-level input only
- Fuse : 20A
- Bass Boost : 0 - 12dB

Accessories

- Remote Controller : Wired
- DC Cord : 4.0m
- Screws (Parker-Type) : 8×200mm/8×160mm
- Bracket A : 66×8mm with screws M3×6

VELOCITY POWER ACTIVE SUBWOOFER

XLf 180 A

450W Max. Output Power | 3 Firing Positions



450W Max Power
outstanding max power



3 Firing Positions
audio output from front & rear body



Space Efficient
vertical or horizontal position



Remote Control

Part Number

1 113 17 004 02 01

Display

- Speaker Size : 8"
- Cone Composition : Aluminum
- Magnet Type : Ferrite
- Enclosure Housing Material : Aluminum

Amplifier

- Amplifier Technology : Class AB
- Nominal Output Power : 180W
- Max Output Power : 450W
- Input Sensitivity : RCA input 0.2-10V
Hi-level input 0.6 V- 12V
- Signal/Noise Ratio : >90dB
- Impedance : 2 ohms
- Frequency Response : 30Hz - 150Hz
- Low Pass Filter : 50Hz - 150Hz
- Operating Voltage : 14.4V(10V - 16V)
- Phase Switch : 0 deg/180 deg
- Automatic ON/OFF : Hi-level input only
- Fuse : 20A
- Gain : 200mV - 6V
- Passive Radiator Speaker Size : 192x60mm x2
- Bass Boost : 0 ±18dB

Accessories

- Remote Controller : Wired
- DC Cord : 5.0m
- Screws (Parker-Type) : M4×20mm
- Screws (M-Type) : M6×8mm
- Bracket A x2 : 72×40mm

VELOCITY POWER ACTIVE SUBWOOFER

XLf 150 A

300W Max. Output Power | 3 Firing Positions



300W Max Power
outstanding max power



3 Firing Positions
audio output from front & rear body



Space Efficient
vertical or horizontal position



Remote Control

Part Number
1 113 18 008 02 01

Display

- Speaker Size : 6"×8"
- Cone Composition : Aluminum
- Magnet Type : Ferrite
- Enclosure Housing Material : Aluminum

Amplifier

- Amplifier Technology : Class AB
- Nominal Output Power : 150W
- Max Output Power : 300W
- Input Sensitivity : RCA input 0.2V - 10V
Hi-level input 0.6V- 12V
- Signal/Noise Ratio : >90dB
- Impedance : 4 ohms
- Frequency Response : 20Hz - 150Hz
- Low Pass Filter : 50Hz - 100Hz
- Operating Voltage : 14.4V(10V - 16V)
- Phase Switch : 0 deg/180 deg
- Automatic ON/OFF : Hi-level input only
- Fuse : 10A
- Gain : 200mV - 5.5V
- Bass Boost : 0 ±12dB

Accessories

- Remote Controller : Wired
- DC Cord : 5.0m
- Screws (Parker-Type) : M4×20mm
- Screws (M-Type) : M6×8mm
- Bracket A x2

VELOCITY POWER ACTIVE SUBWOOFER GTr 130 A

300W Max. Output Power | Built-in Class AB Amplifier



300W Max Power
outstanding max
power



Easy Installation
automatic on and
off



Remote Control

Part Number
1 113 19 009 02 01

Display

- Max Output Power : 300W
- Speaker Size : 214.5mm×135.0mm
- Cone Composition : Aluminum
- Magnet Type : Ferrite
- Enclosure Housing Material : Aluminum

Amplifier

- Amplifier Technology : Class AB
- Nominal Output Power : 130W
- Max Output Power : 300W
- Sensitivity : 92dB

Specifications

- Signal/Noise Ratio : >91dB
- Impedance : 2.2 ±2.2ohms
- Frequency Response : 40Hz - 150Hz
- Low Pass Filter : 50Hz - 100Hz
- Operating Voltage : 14.4V(10V - 16V)
- Phase Switch : 0 deg/180 deg
- Automatic ON/OFF : Hi-level input only
- Input Sensitivity : Speaker input 0.8V/RCA 82mV

Accessories

- Remote Controller : Wired
- DC Cord : 5.0m
- Screws (Parker-Type) : 5×15mm
- Screws (M-Type) : 4×8mm
- Bracket A x2 : 72mm×40mm

VELOCITY POWER

HIGH POWER SUBWOOFER DRIVER

MPW 11412

12"×14" | 1800W Max. Power Handling



Part Number

1 114 18 001 02 01

Display

- Max Power Handling : 1800W
- RMS Power Handling : 1000W
- Impedance : $2\pm 2\text{ohms}$
- Frequency Response ($\pm 3\text{dB}$ in car) : 20 - 350Hz
- Resonant Frequency (Fs) : 38Hz
- DC Resistance (Re) : 2ohms
- Mechanical Q Factor (Qms) : 6.624
- Electromagnetic Q Factor (Qes) : 1.476
- Total Q Factor (Qts) : 1.202
- Compliance Equivalent Volume (Vas) : 35.4L

- Moving Mass (Mms) : 249g
- Suspension Restorative Force (Cms) : 69.696um/Newton
- Surface Area of Cone (Sd) : 598cm²
- BL Product (BL)(Tesla-M) : 9.935
- Sensitivity (1w/1m) : 83.2dB

VELOCITY POWER

2-WAY COMPONENT SPEAKERS

MPS 1662 C38

6.5" Midwoofer | 1.1" Tweeter | 120W Max. Power Handling | 38.55mm Voice Coil



Part Number
1 111 18 015 02 01

- Pair of 2-way Component Speaker with Bulletproof Kevlar Honeycomb Cone
- Max Power Handling : 120W
 - Norminal Power Handling (RMS) : 50W
 - Impedance : 3.2ohms
 - Frequency Response : 56Hz - 22,000Hz
 - Sensitivity : 90dB
 - Mounting Depth : 67mm
 - Midwoofer Diameter : 165mm



VELOCITY POWER

2-WAY COMPONENT SPEAKERS

MPS 1662 C30

6.5" Midwoofer | 1.1" Tweeter | 120W Max. Power Handling | 30.55mm Voice Coil



Part Number
1 111 18 014 02 01

Pair of 2-way Component Speaker with Composite Fiber Glass Cone

- Max Power Handling : 120W
- Nominal Power Handling (RMS) : 50W
- Impedance : 3.2ohms
- Frequency Response : 60Hz - 25,000Hz
- Sensitivity : 92dB
- Mounting Depth : 66mm
- Midwoofer Diameter : 165mm



VELOCITY POWER MIDRANGE SPEAKER MPS 1351 M

3.5" Diameter | 30W Max. Power Handling | 25.5mm Voice Coil



Part Number

1 111 18 016 02 02

Pair of Midrange Speaker with
Bulletproof Kevlar Honeycomb Cone

- Max Power Handling : 30W
- Nominal Power Handling : 15W
- Impedance : 3ohms
- Frequency Response : 95Hz - 10,000Hz
- Sensitivity : 88dB
- Mounting Depth : 40mm
- Speaker Diameter : 88mm



VELOCITY POWER FULL-RANGE SPEAKER MPS 1401 M

Easy Installation | Free Positioning | Vivid Vocal Reproduction



Part Number
1 111 19 020 02 01

Pair of Oval-shaped Full Range Speaker
with Fiber Glass

- Max Power Handling : 30W
- Nominal Power Handling : 15W
- Impedance : 7ohms
- Frequency Response : 170Hz - 12,000Hz
- Sensitivity : 84dB
- Speaker Size : 99x68mm



VELOCITY POWER
3-WAY COMPONENT SPEAKER
GTx 1653 C28

6.5" Midwoofer | 3.5" Midrange Speaker | 1.1" Tweeter | 120W Max. Power Handling



Part Number
1 111 19 021 02 01

3-way Component Speaker	Midwoofer (Fine fiber glass cone)	Midrange Speaker (Fine fiber glass cone)	Tweeter (Slik dome)
• Max Power Handling • Nominal Power Handling • Impedance • Frequency Response • Sensitivity • Mounting Depth • Speaker Size	120W 50W 2.8ohms 69Hz - 8,000Hz 93dB 61mm 165mm	30W 15W 3.3ohms 98Hz - 10,000Hz 92dB 38mm 90mm	20W 10W 3.8ohms 1,200Hz - 25,000Hz 95dB 16mm 56mm

2-WAY COMPONENT SPEAKER

GTx 1662 C25

6.5" Midwoofer | 1" Tweeter | 120W Max. Power Handling | 25.5mm Voice Coil



Part Number
1 111 18 013 02 01

Pair of 2-way Component Speaker with
Composite Fiber Glass Cone

- Max Power Handling : 120W
- Nominal Power Handling : 50W
- Impedance : 2.8ohms
- Frequency Response : 69Hz - 25,000Hz
- Sensitivity : 93dB
- Mounting Depth : 60mm
- Speaker Size : 165mm



2-WAY COMPONENT SPEAKER

GTx 1662 C20

6.5" Midwoofer | 0.75" Tweeter | 80W Max. Power Handling | 25.5mm Voice Coil



Part Number
1 111 18 012 02 01

Pair of 2-way Component Speaker with
Polypropylene Cone

- Max Power Handling : 80W
- Nominal Power Handling : 30W
- Impedance : 3.6ohms
- Frequency Response : 58Hz - 20,000Hz
- Sensitivity : 89dB
- Mounting Depth : 59mm
- Speaker Size : 165mm



2-WAY COAXIAL SPEAKER

GTx 1652

Easy Installation | Clear Sound Quality | 80W Max. Power Handling



Part Number

1 111 19 022 02 01

Pair of 2-way Coaxial Speaker with Polypropylene Cone

- Max Power Handling : 80W
- Nominal Power Handling : 30W
- Voice Coil Diameter : 25.5mm
- Tweeter Size : 20.4mm
- Impedance : 3.6Ω
- Frequency Response : 58Hz - 20,000Hz
- Sensitivity : 89dB
- Mounting Depth : 59mm
- Speaker Size : 165mm



Designed and Engineered by Blaupunkt Competence Center
Subject to availability and technical modification

VELOCITY POWER PLUG & PLAY SPEAKER
BM 1402 FOR BMW

2-way Component Speaker for BMW | 60W Max. Power Handling



BM 1402 CU4



BM 1402 CM4

Part Number

BM 1402 CU4

1 111 17 008 02 01

BM 1402 CM4

1 111 17 007 02 01

Specifications

BM 1402 CU4

BM 1402 CM4

- Speaker Size/Diameter
- RMS Power Handling
- Max Power Handling
- Sensitivity
- Impedance
- Frequency Response

100mm / 4"

30W

60W

86dB

4Ω

80Hz -20,000Hz

100mm / 4"

30W

60W

86dB

4Ω

80Hz -20,000Hz

Specifications

BM 1402 CU4

BM 1402 CM4

- Cone Composition
- Surround Material
- Net Weight
- Mounting Depth
- Overall Diameter

Biological Paper

Rubber

16.47 oz

39mm

129.5mm

Biological Paper

Rubber

15.01 oz

44.5mm

114.5mm

VELOCITY POWER BM 1200 WSN

PLUG & PLAY SUBWOOFER FOR BMW

8" Plug & Play Subwoofer for BMW | 200W Max. Power Handling



Part Number

1 112 17 003 02 01

Specifications

- Speaker Size/Diameter : 200mm / 8"
- Nominal Power Handling : 100W
- Max Power Handling : 200W
- Sensitivity : 86dB
- Impedance : 4Ω
- Frequency Response : 44Hz -3,000Hz
- Cone Composition : Composite Paper
- Magnet Type : Neodymium
- Net Weight : 41.27 oz
- Mounting Depth : 36mm
- Overall Diameter : 229mm

VELOCITY POWER
MPS 1402C MB

PLUG & PLAY SPEAKER
FOR MERCEDES-BENZ

2-way Component Speaker for Mercedes-Benz | 30W Max. Power Handling



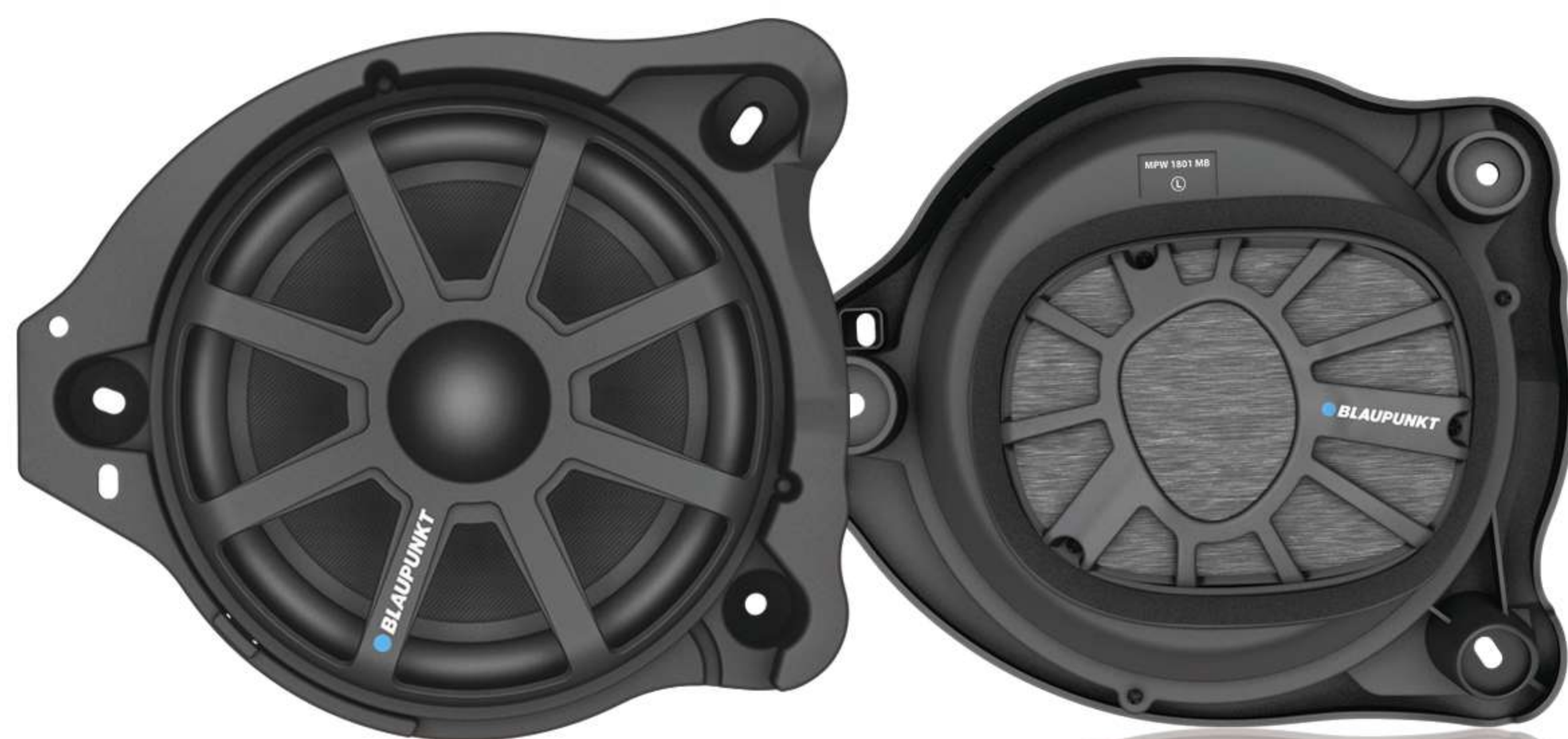
Part Number
1 111 19 017 02 01

Specifications	Tweeter	Midrange Speaker
• Impedance	5.3Ω	3.6 Ω
• Frequency Response	1500Hz-22KHz	90Hz-10KHz
• RMS Power Handling	25W	15W
• Max Power Handling	50W	30W
• Sensitivity	91dB	89dB



VELOCITY POWER PLUG & PLAY SUBWOOFER MPW 1801 MB FOR MERCEDES-BENZ

8" Plug & Play Subwoofer for Mercedes-Benz | 120W Max Power Handling



Part Number
1 112 19 005 02 01

Specifications

- Impedance : 2 Ω
- Frequency Response : 55Hz-2KHz
- Nominal Power Handling : 50W
- Max Power Handling : 120W
- Sensitivity : 86dB



Designed and Engineered by Blaupunkt Competence Center
Subject to availability and technical modification

VELOCITY POWER POWER AMPLIFIER GTA 460

4-CH Class AB Amplifier | Car Specific Connector | Built-in Hi-low Converter | 35W x 4 RMS Output Power



Part Number
1 121 19 012 02 01

Power

- Voltage Supply : 10-14.4V
- Idling Current : 0.5A
- Fuse : 15A
- Current Consumption@2Ω, 14.4V DC
(Max Music Power) : 12A

Amplifier

- Amplifier Technology : Class AB
- Channel : 4
- PCB Board : Double layer
- Output Power(Max.) : 60W x 4@4Ω, 90W x 4@2Ω
- Output Power(RMS): 35W x 4@4Ω, 60W x 4@2Ω
- Signal/Noise Ratio : ≥96dB
- Input Sensitivity : Hi-level 500mV-8V
- Input Impedance : 20k ohms
- Frequency Response : 20Hz-22kHz
- Total Harmonic Distortion : ≤0.1%
- RCA Outputs : 2 channels
- Speaker Inputs : 4 channels
- Dimensions : 177 x 108 x 48.5mm
- Net Weight : 0.715kg

VELOCITY POWER POWER AMPLIFIER

Double Layer FR-4 PCB | MOSFET Output | Noise Cancelling Circuit
Power Voltage Protection | High & Low Level Inputs

MPA 480



MPA 680



MPA 11500



	Power	MPA 480	MPA 680	MPA11500
Part Number				
1 121 18 009 02 01	Voltage Supply	14.4V	14.4V	14.4V
1 121 18 010 02 01	Idling Curent	1.1A	1.5A	1.4A
1 121 18 011 02 01	Fuse	30A x 2	40A x 2	40A x 4
	Max Current Consumption	40A	50A	70A
	Amplifier			
	Amplifier Technology	CLASS D	CLASS D	CLASS D
	Channel	4	6	1
	PCB Board Layer	Double	Double	Double
	Max Output Power@4ohms	120W x 4	110W x 6	900W x 1
	RMS Power @4 ohms	90W x 4	80W x 6	640W x 1
	RMS Power @2 ohms	150W x 4	135W x 6	1000W x 1
	RMS Power @2 ohms Bridged	300 x 2	300 x 2	-
	RMS Power @1 ohms	-	-	1500Wx 1
	Signal/Noise Ratio	95dB	95dB	104dB
	Frequency Response	5-35kHz	5-35kHz	10-250Hz
	Gain Adjust	0.5-5V	0.5-5V	0.2-5V
	Bass Boost Frequency	45Hz	45Hz	45Hz
	Bass Boost	12dB	12dB	12dB
	Total Harmonic Distortion	0.06%	0.06%	0.03%
	Crossover Frequency	30-150Hz (L), 10Hz - 4kHz (H)	30-250Hz (L), 104kHz (H)	30-250Hz (L), 15-55Hz (H)
	Dimensions	39 x 190 x 55mm	334 x 190 x 55mm	367 x 190 x 55mm
	Net Weight	2.2kg	3.1kg	3.4kg

