# MUSIC IS THE WAY



TECHNIK FÜR KLANGBEGEISTERTE



#### Specifications

- Specifications
  @ 4 Ω 85 Watts RMS per Channel\*
  @ 2 Ω 120 Watts RMS per Channel\*
  @ 4 Ω bridged 240 Watts RMS per Channel Pair\*
  12 x High Level Input 8 24 V/RMS with EPS
  6 x RCA Low Level Input 2 6 V/RMS
  1 x AUX Input/Stereo (RCA) 1 8 V/RMS
  1 x Optical Input/Stereo PCM 192 kHz / 24 bit
  4 x Preamplifier Output/RCA (configurable via DSP)
  12 x Amplified Speaker Output
  Dimensions: 340 x 48 x 171,5 mm
- \* depending on Application

- Dual 64bit, 295 MHz DSP Technology controllable via PC software or App Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452)
- Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready
- Soft clipping in 2 Ω Operation

- Signal to Noise Ratio  $\geq$ 95dB, Frequency Range 15 Hz 22 kHz (-3dB) THD  $\leq$ 0,05% (1 kHz,  $4\Omega$ , 90% Power), Clipping LED Separately adjustable Input Sensitivity (Channel 1-6, Channel 7-12, AUX)

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control BTS-HD: External Bluetooth® USB Dongle for Full HD Audio Streaming BTS: External Bluetooth® USB Dongle for Audio Streaming DRC1: Digital Remote Controller for various DSP functions



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#### Specifications

- $8 \times 50/75$  Watts RMS @  $4/2 \Omega$  or
- $4 \times 150$  Watts RMS @  $4 \Omega$  bridged
- 8 x High Level Input 10 18 V/RMS with EPS 1 x AUX Input/Stereo (RCA) 4 V/RMS

- 1 x Optical Input/Stereo PCM 192 kHz / 24 bit 2 x Preamplifier Output/RCA (configurable via DSP)
- 8 x Amplified Speaker Output Dimensions: 205 x 37 x 127 mm

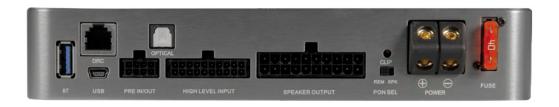
#### Features

- Dual 32bit, 330 MHz DSP Technology controllable via PC software or App
- Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452)
- Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready
- Soft clipping in 2 Ω Operation
  Signal to Noise Ratio ≥90dB, Frequency Range 15 Hz 22 kHz (-3dB)
- THD  $\leq 0,1\%$  (1 kHz,  $4\Omega$ , 90% Power)

#### Accessories

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control BTS-HD: External Bluetooth® USB Dongle for Full HD Audio Streaming BTS: External Bluetooth® USB Dongle for Audio Streaming

DRC1: Digital Remote Controller for various DSP functions





## 1600 6-CHANNEL CLASS D AMPLIFIER WITH 8-CHANNEL DSP



#### Specifications

- $6 \times 70/105$  Watts RMS @  $4/2 \Omega$  or
- $3 \times 210$  Watts RMS @ @  $4 \Omega$  bridged
- 6 x High Level Input 4,8 20 V RMS with EPS 6 x Low Level Input\* (RCA) 2 6 V RMS
- 1 x AUX Input/Stereo (RCA) 2 6 V RMS
- 1 x Optical Input/Stereo PCM 192 kHz / 24 bit
- 6 x Amplified Speaker Output
- 2 x Preamplifier Output/RCA (configurable via DSP) Dimensions: 150 x 44 x 220 mm
- \* only with optional MPK-RCA6/MPK-RCA6-PP cable set

#### Features

- Dual 32bit, 330 MHz DSP Technology controllable via PC software or App
- Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452)
- Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready
- Soft clipping in 2 Ω Operation
  Signal to Noise Ratio ≥90dB, Frequency Range 15 Hz 22 kHz (-3dB)
  THD ≤0,1% (1 kHz, 4Ω, 90% Power), Clipping LED
- Separately adjustable Input Sensitivity (Channel 1-4, Channel 5-6, AUX
  Plug+Play with vehicle-specific Cable Sets
- QUICK CONNECT Terminal for all MUSWAY 2+2  $\Omega$  Subwoofer Systems

#### Accessories

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control BTS-HD: External Bluetooth® USB Dongle for Full HD Audio Streaming BTS: External Bluetooth® USB Dongle for Audio Streaming

DRC1: Digital Remote Controller for various DSP functions







## 4+v3 4-CHANNEL CLASS D AMPLIFIER WITH 8-CHANNEL DSP



- Specifications

  4 x 100/135 Watts RMS @ 4/2 Ω or

  2 x 270 Watts RMS @ 4 Ω bridged

  6 x High Level Input 4,8 20 V RMS with EPS

  6 x Low Level Input\* (RCA) 2 6 V RMS

  1 x AUX Input/Stereo (RCA) 2 6 V RMS

  1 x Optical Input/Stereo PCM 192 kHz / 24 bit

- 4 x Amplified Speaker Output
  4 x Preamplifier Output/RCA (configurable via DSP)
  Dimensions: 150 x 44 x 220 mm
- \* only with optional MPK-RCA6/MPK-RCA6-PP cable set

- Dual 32bit, 330 MHz DSP Technology controllable via PC software or App Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452) Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready

- Soft clipping in 2 Ω Operation
  Signal to Noise Ratio ≥90dB, Frequency Range 15 Hz 22 kHz (-3dB)
  THD ≤0,1% (1 kHz, 4Ω, 90% Power), Clipping LED
  Separately adjustable Input Sensitivity (Channel 1-4, Channel 5-6, AUX
  Plug+Play with vehicle-specific cable sets

### Accessories

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control

BTS-HD: External Bluetooth® USB Dongle for Full HD Audio Streaming BTS: External Bluetooth® USB Dongle for Audio Streaming

DRC1: Digital Remote Controller for various DSP functions









Specifications
8 x High Level Input 8 – 24 V RMS

6 x High Level Input 8 - 24 V RMS
6 x Low Level Input (RCA) 1 - 8 V RMS
1 x AUX Input/Stereo (RCA) 1 - 8 V RMS
1 x Optical Input/Stereo (PCM, 96 kHz / 24 bit)
1 x Coaxial Input/Stereo (S/PDIF, 96 kHz / 24 bit)
12 x RCA Output 6,5 V RMS

Dimensions: 220 x 38 135 mm

#### **Features**

- Dual 64bit, 295 MHz DSP Technology controllable via PC software or App
  3 Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452)
- Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready Separately adjustable Input Sensitivity (CH1-8 High Level, CH1-6 Low Level, AUX)
- High-quality full aluminum housing with glass plate

#### Accessories

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control BTS-HD: External Bluetooth® USB Dongle for Full HD Audio Streaming BTS: External Bluetooth® USB Dongle for Audio Streaming DRC1: Digital Remote Controller for various DSP functions







Specifications

6 x High Level Input 3 – 21 V RMS

6 x Low Level Input (RCA) 1 – 5 V RMS

1 x AUX Input/Stereo (RCA) 1 – 5 V RMS

1 x Optical Input/Stereo (PCM, 96 kHz / 24 bit) 8 x RCA Output 6,5 V RMS Dimensions: 181 x 41 x 124 mm

#### Features

- Dual 32bit, 330 MHz DSP Technology controllable via PC software or App
  Burr-Brown Converters (PCM3168A) and Analog Devices DSP (ADAU1452)
  Intelligent High Level Input with Error Protection System
- Auto Turn-On, Start-Stop ready

#### Accessories

BTA2: External Bluetooth® USB Dongle for Audio Streaming & App Control

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## DSP CONTROL VIA PC/APP



### **MUSWAY TUNEST**

The brand new MUSWAY App "Tunest" is compatible with all newest generation DSP products as soon as a BTA2 USB Bluetooth® dongle is connected. It can be operated with all smartphones and tablets with iOS or Android operating systems via Bluetooth and controls the integrated DSP in real time.

"Tunest" is even clearer and more intuitive to use than the previous App and now offers automatic detection of the connected hardware, a group runtime correction, filters down to 6 dB edge steepness and the ability to adjust the sensitivity of the automatic switch-on function. In addition, it is now possible to receive and send MUSWAY presets via WhatsApp.

The App can be downloaded free of charge from the Google Play Store and the iOS App Store.





## MUSWAY V3



Also brand new is the MUSWAY "V3" software for PC (newer than Windows XP) and compatible with all DSP products of the newest generation. Like the App for mobile devices, the new PC software is even clearer and more intuitive to use than the previous version. It offers automatic detection of the connected hardware, a group delay correction, filters down to a 6 dB slope and the option to adjust the sensitivity of the auto turn-on function.

The software can be downloaded free of charge from www.musway.de/dsp.



## DSP ACCESSORIES



### DRC1

#### **Digital Remote Controller with OLED Display**

■ With the DRC1 remote controller it is possible to regulate the overall volume and the subwoofer level on the DSP device. In addition, the input signal, the channel pair for the subwoofer level and the stored DSP preset can be selected. It is also possible to mute the entire sound system by briefly pressing the rotary knob. Thanks to the OLED display, the DRC1 is easy to operate and only needs to be connected to the amplifier or processor with the included 5 meter connection cable. Compatible with all MUSWAY DSP products.

### BTS

#### **USB Bluetooth® Dongle for Audio Streaming**

■ The BTS dongle offers an audio streaming function that allows you to wirelessly stream music from your mobile device to the DSP device. Compatible with all MUSWAY DSP products.





## BTS-HD

#### USB Bluetooth® Dongle für HD Audio Streaming

The HD audio streaming function of the BTS-HD dongle enables wireless music transmission from the mobile device to the DSP in high-resolution brilliance. With an impressive 24-bit sampling depth and 48 kHz sampling rate, the dongle with aptX™HD codec even meets higher standards than conventional Hi-Res Audio CDs. In terms of dynamics, too, everything is perfect: while a CD with a dynamic range of 96 dB is already good, aptX-HD achieves a whopping 24 dB more. Compatible with all MUSWAY DSP products.

### BTA2

#### USB Bluetooth® Dongle for Audio Streaming & App Control

■ In addition to the audio streaming function, the BTA2 dongle offers the option of configuring and controlling the DSP device via smartphone or tablet. The associated "MUSWAY Tunest" App can be downloaded free of charge from the App Store for iOS and from Google Play for Android. Compatible with the latest generation DSP products: M12, TUNE12, M6v3, D8v3, M4+v3 and DSP68.





### RTA

#### USB-Bluetooth® Dongle for Audio Streaming & App Control

■ In addition to the audio streaming function, the BTA dongle offers the option of configuring and controlling the DSP device via smartphone or tablet. The associated "MUSWAY DSP" app can be downloaded free of charge from the App Store for iOS and from Google Play for Android. Compatible with first and second generation DSP products: M6, M6v2, D8, D8v2, M4+ and DSP68PRO.

## DSP ADAPTERS & CABLE SETS

#### M4+/M6 Accessories

M4+ and M6 amplifiers can be integrated into a factory sound system using the cable sets and adapters listed below.

Integration MPK-ISO 25 MPK-ISO 50 ISO cable extension, Length 2,50 m ISO cable extension, Length 5,00 m MPK-BC Adapter for bridging the ISO wiring harness

RCA Inputs with open ends RCA Inputs with ISO plug MPK-RCA6 MPK-RCA6-PP MPK-OWM6 MPK-QSC25-M

Adapter with open ends
Adapter cable for Quadlock speaker plugs 20 PIN Molex, Length 2,5 m Adapter cable for Quadlock speaker plugs 20 PIN Molex, Length 5 m Adapter cable for Quadlock speaker plugs open ends, Length 2,5 m MPK-QSC50-M MPK-QSC25-O MPK-QSC50-O Adapter cable for Quadlock speaker plugs open ends, Length 5 m



Vehicle specific to ISO

MPK 1

MPK2

Audi, Seat, Skoda, VW (older) Audi, Seat, Skoda, VW (Quadlock fully adapted) BMW, Mini, Land Rover (newer) Addition to PPK3: fully adapted MPK3 MPK3.1

MPK A MPK5

Opel (since 2010)
Audi, Seat, Skoda, VW (Quadlock semi)
Ford, Land Rover (older)
Citroen, Peugeot, Fiat
Hyundai, Kia (older)
Mercedes Pon-MPK6 MPK7 MPK8 MPK9 Mercedes-Benz MPK10 MPK11

Toyota, Peugeot, Citroen Nissan, Opel, Renault MPK12 MPK13 Opel, Renault und Dacia Opel (older) MPK14 Hyundai, Kia (newer) Opel (since 2014) Ford MPK15

MPK16 MPK17 Mazda

BMW, Mini, Land Rover (older) MPK18 MPK19 Honda, Suzuki, Opel MPK20 Renault (since 2009)

MPK21

Subaru Legacy, Impreza, Vivio, Forester, Outback Ford 32-PIN (fully adapted, ab ca. 2018), Focus, Fiesta, Ka+ For all vehicles with removable speaker connectors in Quadlock MPK22 MPK23

MPK24 Fiat, Dodge, Jeep (since 2011) Volvo (since 2002)

MPK25

MPK26 Toyota, Peugeot, Opel, Citroën (since 2016)

MPK27

Hyundai, Kia (since 2017)
Mercedes-Benz since 2017 with MBUX-System **MPK28** 

Vehicle specific

Audi models with Soundsystem Audi models with OEM-Soundsystem MPK-AUD1M6 MPK-AUD2M6 BMW Hifi Soundsystem MPK-BMWM6

Audi/Seat 6-Channel Soundsystem MPK-VAGM6 MPK-VOL1M6 Volvo S60 / S80 with OEM-Amplifier





#### D8 Accessories

D8 amplifiers can be integrated into a factory sound system using the cable sets and adapters listed below.

MPK-OWD8 Adapter with open ends

MPK-AUD3D8 Audi Modelle with Bose Soundsystem MPK-AUD4D8 Audi Q5, A4, A5, TT with B&O Soundsystem MPK-BMW2D8 BMW Modelle with HK Sound System / Logic7 MPK-MAS1D8 Maserati Quattroporte / Ghibli / GTS

MPK-POR1D8 Porsche Cayenne, GTS, Macan with Soundsystem since 2014

MPK-POR2D8 Porsche Panamera with Soundsystem since 2009 MPK-RR1D8 Range Rover Sport, Jaguar XF since 2015

MPK-RR2D8

Range Rover Evoque Toyota/Lexus ES300/250, RX350/270, IS300, CS200/300 MPK-TOY1D8 MPK-TOY2D8 Toyota Camry Hybrid since 2017 VW Golf, Passat, CC, Touareg DYNAUDIO Soundsystem MPK-VAG2D8 MPK-VOL2D8 Volvo models with B&W Soundsystem since 2019







#### Features

- Class D Technology with very high efficiency
  Selected and audiophile tuned components
  Interference-free technology (ITF), high EMC
  Intelligent High Level Input with Error Protection System
  Auto Turn-On, Start Stop ready
  Compact brushed aluminum heatsink
  MUSWAY acrylic logo with illumination
  Compact Bass Level Remote Controller

## EIGHT100 8-Channel Class D Amplifiers

8-Channel Class D Amplifiers  $8 \times 100/180$  Watts RMS @  $4/2 \Omega$  or  $4 \times 360$  Watts RMS @  $4 \Omega$  bridged Highpass Filter 50 - 5000 Hz (CH1/2 & CH5/6) Highpass Filter 10 - 500 Hz (CH3/4 & CH7/8) Lowpass Filter 50 - 5000 Hz (CH3/4 & CH7/8) Bandpass Function (CH3/4 & CH7/8)

Input Selector

Dimensions: 150 x 45 x 320 mm



## CLASS D AMPLIFIERS

FOUR 100 4-Channel Class D Amplifiers  $4 \times 120/200$  Watts RMS @  $4/2 \Omega$  or 2 x 400 Watts RMS @ 4  $\Omega$  bridged Highpass Filter 50 - 5000 Hz (CH1/2) Highpass Filter 10 - 500 Hz (CH3/4) Lowpass Filter 50 - 5000 Hz (CH3/4) Bass Boost 0 - 12 dB (CH3/4) Bandpass Function (CH3/4) CH3/4 > CH1/2 Copy Function Input Selector CH2/CH4 Dimensions: 150 x 45 x 220 mm











#### ONE1000

#### **Mono Class D Amplifiers**

1 x 400/650/1050 Watts RMS @ 4/2/1 Ω Subsonic-Filter 10 - 40 Hz, Lowpass Filter 40 - 150 Hz Bass Boost 0 - 18 dB, Phase 0 - 180° Filter Bypass Function (Pure Amplification) Quick Connect Speaker Output Dimensions: 150 x 45 x 240 mm



SIX100

**6-Channel Class D Amplifiers** 

6 x 110/180 Watts RMS @ 4/2  $\Omega$  or 3 x 360 Watts RMS @ 4  $\Omega$  bridged Highpass Filter 50 - 5000 Hz (CH1/2)

Highpass Filter 30 - 3000 Hz (CH1/2)
Highpass Filter 10 - 500 Hz (CH3/4 & CH5/6)
Lowpass Filter 50 - 5000 Hz (CH3/4 & CH5/6)
Bandpass Function (CH3/4 & CH5/6)
Bass Boost 0 - 12 dB (CH5/6)
Input Selector CH2/CH4/CH6



#### **ONE600**

#### Mono Class D Amplifiers

 $1 \times 250/400/650$  Watts RMS @  $4/2/1 \Omega$ Subsonic-Filter 10 - 40 Hz, Lowpass Filter 40 - 150 Hz Bass Boost O - 18 dB, Phase O - 180° Filter Bypass Function (Pure Amplification) Quick Connect Speaker Output Dimensions: 150 x 45 x 200 mm







#### TWO100

**2-Channel Class D Amplifiers**  $2 \times 115/185$  Watts RMS 4/2  $\Omega$  or 1 x 370 Watts RMS @ 4  $\Omega$  bridged Highpass-/Lowpass Filter 50 - 250 Hz Bass Boost 0 - 12 dB @ 45 Hz

Stereo/Mono Selector, Clipping LED Dimensions: 150 x 45 x 100 mm





### MG6.3A

**3-WAY ACTIVE COMPONENT SYSTEM**Complete set with MG6.2W, MG3M, MG6.2T

### MG6.2A

2-WAY ACTIVE COMPONENT SYSTEM Complete set with MG6.2W, MG6.2T

### MG6.2C

**2-WAY PASSIVE COMPONENT SYSTEM**Complete set with MG6.2W, MG2X, MG6.2T

MG6.2W 16,5 CM (6.5) KICKBASS SPEAKERS 125 Watts/RMS, 250 Watts/MAX, 4  $\Omega$  Mounting Depth 67 mm, Mounting Hole 143 mm

 $\begin{array}{l} \text{MG6.2T} \\ \text{26 MM SILK DOME NEODYMIUM TWEETERS} \\ 125 \text{ Watts/RMS}, 250 \text{ Watts/MAX}, 4 \Omega \\ \text{Mounting Depth } 19,5 \text{ mm, Mounting Hole } 44 \text{ mm} \end{array}$ 

### MG3M

7,5 CM (3") MID SPEAKERS 60 Watts/RMS, 120 Watts/MAX, 4  $\Omega$  Mounting Depth 39 mm, Mounting Hole 73 mm



#### MG2X

2-WAY CROSSOVERS
Cutoff Frequency 2800 Hz
5-fold Tweeter Adjustment







2-WAY PASSIVE COMPONENT SYSTEM
Complete set with ML6.2W, ML2X, ML6.2T

ML6.2W 16,5 CM (6.5) KICKBASS SPEAKERS 100 Watts/RMS, 200 Watts/MAX, 4 Ω Mounting Depth 65 mm, Mounting Hole 143 ml

#### ML6.2T

26 MM SILK DOME NEODYMIUM TWEETERS

100 Watts/RMS, 200 Watts/MAX, 4  $\Omega$  Mounting Depth 13 mm, Mounting Hole 49 mm

#### ML3M

7,5 CM (3") MID SPEAKERS 60 Watts/RMS, 120 Watts/MAX, 4  $\Omega$  Mounting Depth 39 mm, Mounting Hole 72 mm







#### MQ5.2C

13 CM (5.25") 2-WAY COMPONENT SYSTEM 90 Watts/RMS, 180 Watts/MAX, 4  $\Omega$  Separate Crossovers for Tweeters and Bass 25 mm Silk Dome Neodymium Tweeters Mounting Depth 54 mm, Mounting Hole 115 mm

#### MQ62

#### 16,5 CM (6.5") 2-WAY COAXIAL SPEAKERS

100 Watts/RMS, 200 Watts/MAX, 4  $\Omega$ 20 mm Silk Dome Neodymium Tweeters Mounting Depth 63 mm, Mounting Hole 144 mm

#### MQ52

#### 13 CM (5.25") 2-WAY COAXIAL SPEAKERS

80 Watts/RMS, 160 Watts/MAX, 4  $\Omega$ 20 mm Silk Dome Neodymium Tweeters Mounting Depth 54 mm, Mounting Hole 115 mm

#### MQ42

#### 10 CM (4") 2-WAY COAXIAL SPEAKERS

60 Watts/RMS, 120 Watts/MAX, 4  $\Omega$ 13 mm Neodymium Tweeters Mounting Depth 49 mm, Mounting Hole 94 mm

#### 16,5 CM (6.5") 2-WAY COMPONENT SYSTEM

125 Watts/RMS, 250 Watts/MAX, 4  $\Omega$ Separate Crossovers for Tweeters and Bass 25 mm Silk Dome Neodymium Tweeters Mounting Depth 63 mm, Mounting Hole 144 mm

#### MQ6.2W

16,5 CM (6.5") KICKBASS SPEAKERS 125 Watts/RMS, 250 Watts/MAX, 4  $\Omega$ Mounting Depth 63 mm, Mounting Hole 144 mm

#### MQ6.2T

#### 25 MM SILK DOME NEODYMIUM TWEETERS

12 dB Cable Crossovers with -3/-6 dB Attenuation 125 Watts/RMS, 250 Watts/MAX, 4  $\Omega$ Mounting Depth 18 mm, Mounting Hole 47 mm



## MS SPEAKERS



### MS6.2C

16,5 CM (6.5") 2-WAY COMPONENT SYSTEM 100 Watts/RMS, 200 Watts/MAX, 3  $\Omega$  Separate Crossovers for Tweeters and Bass 25 mm Silk Dome Neodymium Tweeters Mounting Depth 62 mm, Mounting Hole 144 mm

#### MS6 2W

16,5 CM (6.5") KICKBASS SPEAKERS 100 Watts/RMS, 200 Watts/MAX, 3  $\Omega$  Mounting Depth 62 mm, Mounting Hole 144 mm

#### MS6.2T

25 MM SILK DOME NEODYMIUM TWEETERS 12 dB Cable Crossovers with -3/-6 dB Attenuation 100 Watts/RMS, 200 Watts/MAX, 4  $\Omega$  Mounting Depth 15 mm, Mounting Hole 42 mm

#### MS5 2C

13 CM (5.25") 2-WAY COMPONENT SYSTEM
90 Watts/RMS, 180 Watts/MAX, 3 Ω
Separate Crossovers for Tweeters and Bass
25 mm Silk Dome Neodymium Tweeters
Mounting Depth 54 mm, Mounting Hole 115 mm

#### MS4.2C

10 CM (4") 2-WAY COMPONENT SYSTEM
70 Watts/RMS, 140 Watts/MAX, 3 Ω
Crossovers for Tweeters
25 mm Silk Dome Neodymium Tweeters
Mounting Depth 49 mm, Mounting Hole 94 mm

#### **MS62**

**16,5 CM (6.5") 2-WAY COAXIAL SPEAKERS** 90 Watts/RMS, 180 Watts/MAX, 3  $\Omega$  20 mm Silk Dome Neodymium Tweeters Mounting Depth 62 mm, Mounting Hole 144 mm

#### MS52

13 CM (5.25") 2-WAY COAXIAL SPEAKERS 80 Watts/RMS, 160 Watts/MAX, 3  $\Omega$  20 mm Silk Dome Neodymium Tweeters Mounting Depth 54 mm, Mounting Hole 115 mm

#### MS42

10 CM (4") 2-WAY COAXIAL SPEAKERS 60 Watts/RMS, 120 Watts/MAX, 3  $\Omega$  13 mm Neodymium Tweeters Mounting Depth 49 mm, Mounting Hole 94 mm



## ME SPEAKERS



#### **ME32**

#### 8,7 CM (3.5") 2-WAY COAXIAL SPEAKERS

50 Watts/RMS, 100 Watts/MAX, 3  $\Omega$ 20 mm Silk Dome Neodymium Tweeters, no grilles Mounting Depth 39 mm, Mounting Hole 78 mm

#### ME120

#### 12 CM 2-WAY COAXIAL SPEAKERS

70 Watts/RMS, 140 Watts/MAX, 3  $\Omega$ 20 mm Silk Dome Neodymium Tweeters, no grilles Mounting Depth 44 mm, Mounting Hole 110 mm

#### **ME42**

#### 10 CM (4") 2-WAY COAXIAL SPEAKERS

60 Watts/RMS, 120 Watts/MAX, 3  $\Omega$ 20 mm Silk Dome Neodymium Tweeters Mounting Depth 45 mm, Mounting Hole 94 mm

#### **ME52**

#### 13 CM (5.25") 2-WAY COAXIAL SPEAKERS

75 Watts/RMS, 150 Watts/MAX, 3 Ω 20 mm Silk Dome Neodymium Tweeters Mounting Depth 52 mm, Mounting Hole 115 mm

#### **ME62**

#### 16,5 CM (6.5") 2-WAY COAXIAL SPEAKERS

80 Watts/RMS, 160 Watts/MAX, 3 Ω 20 mm Silk Dome Neodymium Tweeters Mounting Depth 59 mm, Mounting Hole 142 mm



## ME572

13 x 18" CM (5 x 7") 2-WAY COAXIAL SPEAKERS 80 Watts/RMS, 160 Watts/MAX, 3  $\Omega$ 20 mm Silk Dome Neodymium Tweeters, no grilles Mounting Depth 58 mm, Mounting Hole 124 x 181 mm

#### ME693

#### 15 x 23" CM (6 x 9") 3-WAY TRIAX-SPEAKERS

125 Watts/RMS, 250 Watts/MAX, 3  $\Omega$ 20 mm Neodymium Tweeters, 25 mm Neodymium Mid-Tweeters Mounting Depth 74 mm, Mounting Hole 151 x 220 mm

### SPEAKERS FÜR VOLKSWAGEN T5/T6



#### CSVT8.2C

#### 20 CM (8") 2-WAY COMPONENT SYSTEM FOR VW T5/T6

100 Watts/RMS, 200 Watts/MAX, 4  $\Omega$ 20 cm Midbass Speakers with Glass Fiber Cone 28 mm Silk Dome Neodymium Tweeters Mounting Depth 34 mm, Mounting Hole 193 mm Plug+Play Connectors

## **CSM**

#### SPEAKERS FOR MERCEDES-BENZ



### CSM4.2C

10 CM (4") 2-WAY COMPONENT SYSTEM 60 Watts/RMS, 120 Watts/MAX, 4  $\Omega$ 10 cm Midrange Speaker (pair) 25 mm Titan Tweeter (pair)



### CSM1T

25 MM (1") TITAN TWEETERS 100 Watts/RMS, 200 Watts/MAX, 4  $\Omega$ 6 dB Cable Crossovers

## CSM42X

10 CM (4") 2-WAY COAXIAL SPEAKERS 60 Watts/RMS, 120 Watts/MAX, 4  $\Omega$ 10 cm Midrange Speaker 16 mm Silk Dome Neodymium Tweeters



#### CSM40F

10 CM (4") CENTER SPEAKERS 60 Watts/RMS, 120 Watts/MAX,  $4 + 4 \Omega$ 10 cm Midrange Speaker



## **SUITABLE FOR**

C/GLC/E CLASS
Compatibility depending on model and features.



20 CM (8") SUBWOOFER RIGHT 120 Watts/RMS, 200 Watts/MAX, 2  $\Omega$  38 mm (1.5") Voice Coil

#### CSM8WL

20 CM (8") SUBWOOFER LEFT 120 Watts/RMS, 200 Watts/MAX, 2  $\Omega$  38 mm (1.5") Voice Coil



NEW

### CSM120X

12 CM 2-WAY COAXIAL SPEAKERS FOR MERCEDES-BENZ E CLASS / W124 75 Watts/RMS, 150 Watts/MAX, 4  $\Omega$ , 10 cm Midrange Speaker, 20 mm Aluminum Tweeter

## CSB SPEAKERS FOR BMW





SUB<sub>1</sub>

### **ACTIVE UNDERSEAT SUBWOOFER SYSTEM**

WITH 15 x 20 CM (6 x 8") SUBWOOFER

Class A/B Amplifier, 100 Watts RMS, 200 Watts MAX

LPF 50-150 Hz, Bass Boost 0-12 dB @ 45 Hz

Phase Switch 0/180°, Subsonic Filter 20 Hz

High Level & RCA Inputs Auto Turn-On, Start Stop ready
Stable and robust Aluminum Enclosure Bass Level Remote Controller Dimensions: 21 x 7,3 x 29 cm







### MW1000A

ACTIVE SUBWOOFER SYSTEM WITH 28 CM (11") SUBWOOFER FOR THE RIM BED IN THE SPARE WHEEL/EMERGENCY WHEEL Class A/B Amplifier, 150 Watts RMS, 300 Watts MAX LPF 50-150 Hz, Bass Boost 0-12 dB @ 45 Hz Phase Switch 0/180° Subsonic Filter 20 Hz
High Level & RCA Inputs, Auto Turn-On, Start Stop ready
Remote Controller for Bass Level, Lowpass Filter and Phase Stable and robust Aluminum Enclosure Subwoofer with Glass Fiber Cone 76 mm Voice Coil on Aluminum Former Magnet with  $\varnothing$  156 mm and 50 oz. Dimensions:  $\varnothing$  36 x 12 cm

ONLY 12 CM HEIGHT **ALSO FOR EMERGENCY WHEELS** 

## MWS/MW SUBWOOFERS



#### MWS1022

#### 25 CM (10") COMPACT SUBWOOFER

300 Watts RMS, 600 Watts MAX., 2+2 Ω Sturdy Steel Basket, 1,27 kg (45 oz) Magnet 50 mm (2") Dual Voice Coil Glass Fiber Carbon Cone Fs 32,6 Hz • Qts 0,75 • VAS 31,2 L SPL 83 dB, Xmax +/- 15 mm Mounting Depth 87 mm, Mounting Hole 232 mm

#### MWS822

#### 20 CM (80") COMPACT SUBWOOFER

250 Watts RMS, 500 Watts MAX., 2+2 Ω Sturdy Steel Basket, 1,13 kg (40 oz) Magnet 50 mm (2") Dual Voice Coil Glass Fiber Carbon Cone Fs 39,7 Hz • Qts 0,575 • VAS 10,9 L SPL 83 dB, Xmax +/- 15 mm Mounting Depth 78 mm, Mounting Hole 182 mm







#### MW622

#### 16,5 CM (6.5") COMPACT SUBWOOFER

150 Warts RMS, 300 Watts MAX., 2+2 Ω Sturdy Steel Basket, 0,7 kg (25 oz) Magnet 38 mm (1,5") Dual Voice Coil Pre-installed connection cables (1 m, Ø 2,5 mm²) Sewn foam surround, scooped paper cone Fs 51,3 Hz, Qts 0,45, VAS 8,2 L, 85 dB, Xmax +/- 12 mm Mounting Depth 85 mm, Mounting Hole 144 mm



## MF/MR SUBWOOFER SYSTEMS





#### MR108Q

#### SINGLE BASSREFLEX SYSTEM WITH 20 CM (8") SUBWOOFER

200 Watts RMS, 400 Watts MAX.,  $2+2 \Omega$ Stable perforated Metal Grille for Subwoofer Protection QUICK CONNECT Terminal Dimensions: 29 x 29 x 29/24 cm

#### MR208Q

#### **DUAL BASSREFLEX SYSTEM** WITH TWO 20 CM (8") SUBWOOFERS

400 Watts RMS, 800 Watts MAX., 2+2  $\Omega$ Stable perforated Metal Grille for Subwoofer Protection QUICK CONNECT Terminal

Dimensions: 57 x 29 x 29/24 cm





#### **DUAL BASSREFLEX SYSTEM**

#### WITH TWO 16,5 CM (6.5") SUBWOOFERS

300 Watts RMS, 600 Watts MAX., 2+2  $\Omega$ Stable perforated Metal Grille for Subwoofer Protection QUICK CONNECT Terminal

Dimensions:  $45 \times 23 \times 25/20$  cm







#### **QUICK CONNECT**

Connection cable with 4-PIN Molex connector for MUSWAY M6, ONE600 and ONE1000 amplifiers:

MQC20 Connection plug on open ends, Length 0,20 m

MQC120 Length 1,20 m **MQC300** Length 3,00 m MQC500 Length 5,00 m

## MT/MW SUBWOOFER SYSTEMS



#### MT269Q

#### **DUAL BASSREFLEX SYSTEM WITH**

TWO 15 x 23 CM (6 x 9") SUBWOOFERS 400 Watts RMS, 800 Watts MAX., 2+2  $\Omega$  Stable perforated Metal Grille for Subwoofer Protection

QUICK CONNECT Terminal

Dimensions: 55 x 33,5 x 32/25 CM



### MT169Q

#### SINGLE BASSREFLEX SYSTEM

WITH 15 x 23 CM (6 x 9") SUBWOOFER 200 Watts RMS, 400 Watts MAX.,  $2+2 \Omega$  Stable perforated Metal Grille for Subwoofer Protection QUICK CONNECT Terminal

Dimensions: 35 x 33,5 x 30/23 CM



### MW500Q

BASSREFLEX SYSTEM FOR THE RIM BED (OVER 17")

WITH TWO 13 CM (5.25") SUBWOOFERS 150 Watts RMS, 300 Watts MAX.,  $2+2 \Omega$  Stable and light ABS Enclosure QUICK CONNECT Terminal

Dimensions: Ø 41,5 x 13 CM







QUICK CONNECT TERMINAL ALSO WITH CONVENTIONAL PUSH PIN CONNECTORS



### MW300Q

**BASSREFLEX SYSTEM FOR THE SPARE WHEEL RECESS** 

WITH 15 x 23 CM (6 x 9") SUBWOOFER 200 Watts RMS, 400 Watts MAX.,  $2+2~\Omega$  Stable perforated Metal Grille for Subwoofer Protection QUICK CONNECT Terminal

Dimensions: Ø 50 x 15 CM

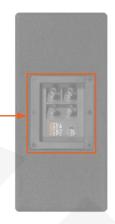




POWER4 / POWER2 CLASS D AMPLIFIERS MODULES FOR SUBWOOFER **ENCLOSURES, COMPATIBLE WITH ALL** MF, MT, MR MODELS AND MW300Q

1 x 460 Watts RMS @ 4  $\Omega$  or  $1 \times 245/475$  Watts RMS @  $4/2 \Omega$ Lowpass Filter 40 ~ 120 Hz @ 12 dB Phase Switch 0° / 180° Bass Boost 0 ~ 6 dB @ 45 Hz RCA Inputs, High Level Inputs Integrated limiter with 3-way switch EPS Pro switch 10R / 150R / 600R Auto Turn-On, Start Stop ready Bass Level Remote Controller Dimensions: 113 x 130 x 125 mm







#### MC500

#### 0.5 FARAD POWER CAPACITOR WITH INTEGRATED DISTRIBUTION BLOCK

Operating voltage 12 - 15 V DC Operating temperature -20 ~ 60 ° C Digital Voltmeter with 3 digits Connection for remote turn-on Sturdy acrylic holders Dimensions: Ø 6,5 x 13,6 cm

Distribution Block:

 $1 \times Plus 16 \text{ mm}^2 IN / 2 \times 10 \text{ mm}^2 OUT$ 1 x Minus 16 mm<sup>2</sup> IN / 2 x 10 mm<sup>2</sup> OUT



#### MFB100

#### MODULAR MINI-ANL FUSE HOLDER

Cable cross sections up to 20 mm<sup>2</sup> incl. 10 mm<sup>2</sup> Adapter Patented modular plug-in system



#### HL2<sub>V2</sub>

#### **INTELLIGENT 2-CHANNEL** HIGH/LOW CONVERTER WITH EPS

2-Channel High Level Input (up to 18 V RMS) 2-Channel RCA Low Level Output (5 V) Frequency Response 5 Hz - 80.000 Hz Auto Turn-On Function (DC Offset/Signal) Turn-On Signal is generated (Remote Out) Start/Stop ready up to 6,5 V **EPS Protection Circuit** High quality aluminum housing Illuminated logo Dimensions: 70 x 35 x 130 mm



#### **MSB**

SILICONE SPEAKER BAFFLES WITH WITH NAP FOAM UNDERLAY

MSB130 for 13 cm (5.25") Speakers, Pair MSB165 for 16,5 cm (6.5") Speakers, Pair MSB200 for 20 cm (8") Speakers, Pair MSB570 for  $13 \times 18$  cm  $(5 \times 7")$  Speakers, Pair







### **MW10.5KIT**

### 10 MM<sup>2</sup> AMPLIFIER CONNECTION SET, 5 METERS HIGH CONDUCTIVITY FULL COPPER (99,9% OFC)

1 x 10 mm<sup>2</sup> Power Cable (orange), 5 m 1 x 10 mm<sup>2</sup> Ground Cable (black), 1 m Mini-ANL/AFS Fuse Holder Fuses: 2 x 40 A, 2 x 60 A

#### MW6.3KIT

### 6 MM<sup>2</sup> AMPLIFIER CONNECTION SET, 3 METERS HIGH CONDUCTIVITY FULL COPPER (99.9% OFC)

 $1 \times 6 \text{ mm}^2$  Power Cable (orange), 3 m  $1 \times 6 \text{ mm}^2$  Ground Cable (black), 1 m ATC Fuse Holder Fuses:  $2 \times 20 \text{ A}$ ,  $2 \times 30 \text{ A}$ ,  $2 \times 40 \text{ A}$ 

### MW6.5KIT

## 6 MM<sup>2</sup> AMPLIFIER CONNECTION SET, 5 METERS HIGH CONDUCTIVITY FULL COPPER (99,9% OFC)

1 x 6 mm $^2$  Power Cable (orange), 5 m 1 x 6 mm $^2$  Ground Cable (black), 1 m ATC Fuse Holder

Fuses: 2 x 20 A, 2 x 30 A, 2 x 40 A



### MW5RCA

RCA STEREO PATCH CORD, 5 METERS
HIGH CONDUCTIVITY FULL COPPER (99,9% OFC)
Double-shielded, 99,9% OFC Copper Wire,
Gold plated Connectors, Silver Metal housings,
incl. Remote Wire

#### MW3RCA

RCA STEREO PATCH CORD, 3 METERS
HIGH CONDUCTIVITY FULL COPPER (99,9% OFC)
Double-shielded, 99,9% OFC Copper Wire,
Gold plated Connectors, Silver Metal housings,
incl. Remote Wire

#### MW1RCA

RCA STEREO PATCH CORD, 1 METER
HIGH CONDUCTIVITY FULL COPPER (99,9% OFC)
Double-shielded, 99,9% OFC Copper Wire,
Gold plated Connectors, Silver Metal housings,
incl. Remote Wire





MUSIC IS THE WAY



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