

2022 SPRING

MUSIC IS THE WAY

Brand Philosophy

Brand Philosophy

At MUSWAY, those who are looking for great-sounding products will find what they are looking for. MUSWAY stands for “Music is the Way” and is meant to symbolize that the company founders understand music as part of their lifestyle and culture, which ultimately led to the motto of the company.

Uncompromisingly good sound can always be seen as an ideal and it is therefore not surprising that all MUSWAY employees are passionate about music, united by the goal of creating high-quality products for demanding music reproduction in an almost simple and likeable way.

MUSWAY
MUSIC IS THE WAY





DSP AMPLIFIERS

D1S

4-channel Class AB Amplifier With 6-channel DSP

4CH Class AB amplifier Built - In 6CH DSP, plug & Play enhances the sound of an original sound system just doesn't get any easier than this



Features

- ▶ 4 x 25/38Watts RMS @ 4/2 Ohms
- ▶ Input: 4 x High Level, 2 x AUX/RCA
- ▶ Output: 4 x High Level, 6x RCA (configurable via DSP)
- ▶ Intelligent Hi-Level Input: EPS(Error Protection System) technology which prevents when connected to an OEM factory radio that no functions are impaired or error messages are written into the vehicle memory
- ▶ Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop
- ▶ Over 50 kinds of plug+play cables which cover around 300 different car models
- ▶ 28-bit DSP main chip supports 10-band EQ, digital crossover and time correction
- ▶ Built-in 4-CH high-performance high-to-low converter, Hi-Fi sound quality, low noise
- ▶ For cars without ACC wire, speaker wire can be used to control the start and stop of machine
- ▶ Internal Bluetooth Module: Hi-Fi Bluetooth For Audio Streaming

Specification

Frequency response	15Hz-22KHz (±0.5dB)
Distortion - THD (1 kHz @ 4 Ω, 90% Power)	≤0.022%
S/N ratio @ A weighted, 1 V, Max. Power	≥95dB
Input sensitivity	5V RMS (High-level)
Input impedance	220Ω (High-level)
OUTPUT POWER (RMS) @ 13.8 VDC, 1% THD:	
	25 W x 6@ 4 Ω
	38 W x 4@ 2 Ω
Dimension	165 (L) × 98(W) × 32(H)
Net Weight	450g

M4

4-channel amplifier with 6-channel DSP

M4 enhancing the sound of an original sound system just doesn't get any easier than this



Features

- ▶ 4 x 55 Watts RMS @ 4 Ohms
- ▶ Inputs: 4 x High level, 2 x AUX/RCA
- ▶ Output: 4 x High level, 6 x RCA
- ▶ Intelligent Hi-Level Input: EPS(Error Protection System) technology which prevents when connected to an OEM factory radio that no functions are impaired or error messages are written into the vehicle memory.
- ▶ Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop.
- ▶ Plug+Play with vehicle-specific cable sets
- ▶ 32bit, 330MIPS DSP, 10-band EQ and digital time delay.
- ▶ For cars without ACC wire, speaker wire can be used to control the start and stop of machine.

Optional Accessories

- ▶ BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- ▶ BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- ▶ BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- ▶ DRC1: Remote control

Specification

Distortion - THD (1 kHz @ 4 Ω, 90% Power)	≤0.1%
Bandwidth (-3 dB, 2 V RMS, 4Ω)	15 Hz - 22 kHz
S/N ratio @ A weighted, 1 V, Max. Power	≥90dB
Input sensitivity	1V (Low level) 3V (High level)
Input impedance	47KΩ (Low level) 13Ω (High level)
LOAD IMPEDANCE (MIN)	4 Ω
OUTPUT POWER (RMS) @ 13.8 VDC, 1% THD	4*55W@4Ω
Operating Voltage	DC 9 -15V
Dimensions (mm)	165(L)x150(W)x41(H)
Net Weight	1.1KG



M4+

4-channel Amplifier with 8-channel DSP



Features

- ▶ 4 x 100/135 Watts RMS @ 4/2 Ohms or 2 x 270 Watts RMS @ 4 Ohms bridged
- ▶ Input: 6 x High Level, 2 x AUX/RCA, 1 x Optical
- ▶ Output: 4 x High Level, 4 x Pre-Amplifier Outputs/RCA (configurable via DSP)
- ▶ Intelligent Hi-Level Input: EPS(Error Protection System) technology which prevents when connected to an OEM factory radio that no functions are impaired or error messages are written into the vehicle memory.
- ▶ Start-Stop Ready
- ▶ Plug+Play with vehicle-specific cable sets
- ▶ Dual 32bit, 330 MIPS high-end DSP controllable via PC software or APP.
- ▶ Separately controllable input sensitivity (Channel 1-6, AUX), Clipping LEDs.

Optional Accessories

- ▶ BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- ▶ BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- ▶ BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- ▶ DRC1: Remote control

Specification

Distortion - THD (1 kHz @ 4 Ω, 90% Power)	0.05%
Bandwidth (-3 dB, 2 V RMS, 4Ω)	15 Hz - 22 kHz
S/N ratio @ A weighted, 1 V, Max. Power	95dB A
Damping factor @ 1 kHz, 2 V RMS, 4 Ω	>70
Input sensitivity	10V-30V RMS(High-level) 2V-6V RMS(Low-level)
Input impedance	47KΩ (Low level) 13Ω (High level)
LOAD IMPEDANCE (MIN) :	
4CH	2 Ω
2CH - Bridge (1-2) (3-4)	4 Ω
OUTPUT POWER (RMS) @ 13.8 VDC, 1% THD:	
4CH @ 4 Ω	100 W x 4
4CH @ 2 Ω	135 W x4
2CH - (Bridge 1/2; 3/4) @ 4 Ω	270 W x 2
Operating Voltage	DC 8 -15V
Dimensions (mm)	220 (L) x150 (W) x44 (H)
Net Weight	1.6KG



► DSP AMPLIFIERS

M6

6-channel amplifier with 8-channel DSP

The M6 model can surely be viewed as a new milestone in MUSWAY. It is barely not imaginable that in this small housing has a total of 630 Watts RMS. The compact dimensions are made possible by an elaborate 4-fold laminated board, which also effectively suppresses EMC interference due to the favorable topology - a must, especially for full-range Class D amplifiers

Features

- 6 x 70/105 Watts RMS @ 4/2 Ohms or 3 x 210 Watts RMS @ 4 Ohms bridged
- Input: 6 x High Level , 2 x AUX/RCA , 1 x Optical
- Output: 6 x High Level , 2 x Pre-Amplifier Outputs/RCA (configurable via DSP)
- Intelligent Hi-Level Input: EPS(Error Protection System) technology which prevents when connected to an OEM factory radio that no functions are impaired or error messages are written into the vehicle memory
- Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop
- Plug+Play with vehicle-specific cable sets
- Dual 32bit, 330 MIPS high-end DSP from Texas Instruments™ controllable via PC software or APP
- Separately controllable input sensitivity (Channel 1-4, Channel 5-6), Clipping LEDs

Optional Accessories

- BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- DRC1: Remote control



Specification

Distortion - THD (1 kHz @ 4 Ω, 90% Power)	----- 0.05 %
Bandwidth (-3 dB, 2 V RMS, 4Ω)	----- 15 Hz - 22 kHz
S/N ratio @ A weighted, 1 V, Max. Power	----- 95 dB A
Damping factor @ 1 kHz, 2 V RMS, 4 Ω	----- > 70
Input sensitivity	----- 10V-20V RMS(High-level) ----- 2V-6V RMS(Low-level)
Input impedance	----- 13 Ω (High-level); 47 kΩ (Low-level)
LOAD IMPEDANCE (MIN):	
6CH	----- 2 Ω
3CH - Bridge (1-2) (3-4) (5-6)	----- 4 Ω
OUTPUT POWER (RMS) @ 13.8 VDC, 1% THD:	
6CH @ 4 Ω	----- 70 W x 6
6CH @ 2 Ω	----- 105 W x 6
3CH - (Bridge 1/2; 3/4; 5/6) @ 4 Ω	----- 210 W x 3
Operating Voltage	----- DC 9 -15V
Dimensions (mm)	----- 220 (L) x 150 (W) x 44 (H)
Net Weight	----- 1.6KG



► DSP AMPLIFIERS

D8

8-channel amplifier with 10-channel DSP

With the D8 model MUSWAY delivers an extremely compact sound power plant in a shapely housing with astonishing 8 channels, including a freely configurable 10-Channel DSP. D8 opens up new horizon for lossless upgrading high-medium-end car sound system, especially for BMW, Mercedes-Benz, etc

Features

- 8 x 50/75 Watts RMS @ 4/2 Ohms or 4 x 150 Watts RMS @ 4 Ohms bridged
- Input: 8 x High Level, 2 x AUX/RCA, 1 x Optical
- Output: 8 x High Level, 2 x Pre-Amplifier Outputs/RCA (configurable via DSP)
- You can select the input sensitivity (10V or 18V) for high level.
- Intelligent Hi-Level Input: EPS(Error Protection System) technology which prevents when connected to an OEM factory radio that no functions are impaired or error messages are written into the vehicle memory
- Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop
- Plug+Play with vehicle-specific cable sets
- Dual 32bit, 330 MIPS high-end DSP from Texas Instruments™ controllable via PC software or APP
- Perfect protection and heat dissipation guarantees reliable and stable performance of machine

Optional Accessories

- BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- DRC1: Remote control



Specification

Distortion - THD (1 kHz @ 4 Ω, 90% Power)	0.05 %
Bandwidth (-3 dB, 2 V RMS, 4Ω)	15 Hz - 22 kHz
S/N ratio @ A weighted, 1 V, Max. Power	95 dB A
Damping factor @ 1 kHz, 2 V RMS, 4 Ω	> 70
Input sensitivity	10VOR 18V RMS (High-level) 4 V RMS (Low-level)
Input impedance	13 Ω (High-level); 47 kΩ (Low-level)
LOAD IMPEDANCE (MIN):	
8CH	2 Ω
4CH - Bridge (1-2) (3-4) (5-6) (7-8)	4 Ω
OUTPUT POWER (RMS) @ 13.8 VDC, 1% THD:	
8CH @ 4 Ω	50 W x 8
8CH @ 2 Ω	75 W x 8
4CH - (Bridge 1/2; 3/4; 5/6; 7/8) @ 4 Ω	150 W x 4
Operating Voltage	DC 11 -15V
Dimensions (mm)	205(L)×127(W)×37(H)
Net Weight	1.5KG



► DSP AMPLIFIERS

M12 **NEW**

12-channel amplifier with 16-channel DSP

Features

- 85 Watts x12 @ 4 Ohms
120 Watts x 12 @ 2 Ohm
240W @ 4 Ohms Bridged
- Input : 12 x High Level , 2 x AUX/RCA , 1 x Optical
- Output : 12 x High Level , 4 x LineLevel
- Intelligent Hi-Level Input : EPS(Error Protection System)
- Start-Stop Ready
- Dual 32bit, 330 MIPS high-end DSP from Analog Device controllable via PC software or APP.
- Separately controllable input sensitivity (High/LineLevel CH1-6, HighLevel CH7-12 , AUX), Clipping LEDs.

Optional Accessories

- BTA2: Bluetooth™ USB-Dongle for Audio Streaming andAPP
- BTS HD: aptX HD Bluetooth USB-Dongle for Hi-Res Audio Streaming
- BTS: Bluetooth™ USB-Dongle for Audio Streaming
- DRC1: Digital Remote Control

Specification

OUTPUT POWER (RMS) @ 14.4 VDC, 1% THD:

@ 4 Ω ----- 85W

@ 2 Ω ----- 120W

Bridged @ 4 Ω ----- 240W

Distortion - THD (1 kHz @ 4 Ω , 90% Power) ----- 0.05%

Bandwidth (-3 dB, 2 V RMS, 4 Ω) ----- 15HZ-22KHZ

S/N ratio @ A weighted, 1 V, Max. Power ----- 95 dBA

Input sensitivity

High-level ----- 8V-24V RMS

Low-level ----- 2 - 6 V RMS

AUX ----- 1 - 8 V RMS

Input impedance ----- 13 Ω (High-level); 47 k Ω (Low-level)

LOAD IMPEDANCE (MIN):

12CH ----- 2 Ω

@ Bridged ----- 4 Ω

Voltage ----- 8 - 15 VDC

Fuse Rating ----- 40A x2

Dimensions (mm) ----- 340(L) x 171.5(W) x 48(H)

Net Weight ----- 3200 G



Download on the
App Store

GET IT ON
Google Play



PROCESSORS

► PROCESSORS

DSP68

8-Channel Digital Signal Processor

The stand-alone model DSP68 represents all the know-how of MUSWAY in its purest form. The 8-channel processor with state-of-the-art DSP technology raises the bar in the car audio branch: interference-free in terms of EMC and multi-purpose high-end technology guarantee finest high-end performance.

Features

- Input: 6 x High Level, 6 x Low Level, 2 x AUX, 1 x Optical
- Output: 8 x Pre-Amplifier Outputs/ (configurable via DSP) up to 6.5V
- Intelligent Hi-Level Input: EPS(Error Protection System)
- Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop
- Dual 32bit, 330 MIPS high-end DSP
- Separately controllable input sensitivity (Channel 1-4, Channel 5-6, AUX)
- Clipping LEDs

Optional Accessories

- BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- DRC1: Remote control

Specification

Distortion - THD (1 kHz @ 1VrmsPower)	0.05 %
Bandwidth (-3 dB, 6 V RMS, 4Ω)	15 Hz - 22 kHz
S/N ratio @ (A weighted)	95 dB A
Output Voltage	6.5V
Input sensitivity	7V-21 V RMS (High-level) 2V-6 V RMS (Low-level)
Input impedance	13 Ω (High-level); 47 kΩ (Low-level)
Operating Voltage	DC 8 -15V
Dimensions (mm)	181(L) x 123.5(W) x 41(H)
Net Weight	800G



PROCESSORS

TUNE12^{NEW}

Digital 12-CH Signal Processor

The TUNE12 inspires with excellent features and inner values that are elementary in very complex devices. So three Burr-Brown converters PCM3168A were installed to optimize the channel separation and enables the multiple use of different sources. The centerpiece is the state-of-the-art DSP chip ADAU1452 from Analog Devices, which was fine-tuned by the Musway engineers and leaves no audiophile wishes unfulfilled. In addition to the extremely high end sound the TUNE12 also convince by very low distortions and its lavish features: It not only has 12 fully processable outputs, but also AUX, S/PDIF and optical digital inputs as well as 6 low outputs and 8 high level inputs. The latter are equipped with the latest EPS and process up to 24 V RMS.

Features

- ▶ Input : 8 x High Level , 6x Low Level, 2 x AUX, 1 x Optical , 1 x Coax
- ▶ Output : 12x Pre-Amplifier Outputs/ (configurable via DSP) up to 6.5Vrms
- ▶ Independent Low Level Input : TUNE12 allows you to connect low level input and high level input at the same time to use multiple source.
- ▶ Intelligent Hi-Level Input : EPS(Error Protection System)
- ▶ Auto Turn On by SPK , DC and audio signal
- ▶ Start-Stop Ready
- ▶ Dual 32bit, 295 MHZ high-end DSP controllable via PC software or APP.
- ▶ Separately controllable input sensitivity (Hi-Level CH1-8, Low Level CH1-6 , AUX), Clipping LEDs.

Optional Accessories

- ▶ BTS : External Bluetooth™ USB-Dongle for Audio Streaming
- ▶ BTS HD : External Bluetooth™ USB-Dongle for Hi-Res Audio Streaming
- ▶ BTA2 : External Bluetooth™ USB-Dongle for Audio Streaming and APP
- ▶ DRC1: Remote control



Specification

Distortion – THD+N (Digital Input)	< 0.0005 %
Distortion - THD+N (Analog Input)	< 0.004 %
Bandwidth (-1 dB)	15 Hz - 22 kHz
S/N Ratio @ A weighted (Digital Input):	
S/N Ratio @ A weighted (Analog Input):	
Input Sensitivity -- 8V - 24 V RMS (High Level); 1 V - 8 V RMS (Low Level, AUX)	
Input Impedance	13 Ω (High Level); 22 kΩ (Low Level, AUX)
SIGNAL CONVERTERS	
A/D	Burr-Brown 24 Bit / 96 kHz
D/A	Burr-Brown 24 Bit / 192 kHz
Crosstalk	> 90 dB
Output Voltage	6.5V RMS
Operating Voltage	DC 8 -16V (down to 6)





CLASS D AMPLIFIERS

The new amplifiers of the MX series are ideally suited not only to enter into optically ingenious combinations with the Musway DSP amps. Of course, they are also perfect for forming a high-end team with the TUNE12 or DSP68 stand-alone processor. With the MX models it is therefore possible to create powerful 7, 8 or even 12-channel combinations.

► CLASS D AMPLIFIERS

TWO100 NEW

2-CHANNEL CLASS D AMPLIFIER•370 WATTS RMS



Features

- output Power RMS @13.8V : 2x115/185 Watts @ 4/2Ohms ; 1x370Watts @ 4Ohms bridged
- Input Sensitivity : 1.5–20V(High-Level),0.45–6V(Low-Level)
- Input Mode Switch STEREO/MONO
- RCA Inputs
- Interference Free Technology, EMC proved
- Start-stop capability : 8.5V
- Intelligent Hi-Level Input : EPS(Error Protection System)
- Auto turn on via DC or signal
- Bass level remote controller

Specification

OUTPUT POWER RMS @ 13.8V:

----- 2 x115 W @ 4 Ohms
----- 2 x 185 W @ 2 Ohms
----- 1 x 370W @ 4 Ohms bridged

OUTPUT POWER RMS @ 14.4V:

----- 2 x125W @ 4 Ohms
----- 2 x 200 W @ 2 Ohms
----- 2x400 W @ 4 Ohms bridged

Frequency Range -3dB ----- 15-22000 Hz

Damping Factor ----- ≥ 250

S/N ratio ----- > 100 dB

THD+N ----- <0.012%

Input Sensitivity ----- 1.5 - 20V(High-Level), 0.45-6V(Low-Level)
----- Channel 1/2

Crossover Modes ----- Full – HP – LP

High/Low Pass Filter ----- 50 – 250 Hz

Bass Boost ----- 0 – 12 dB @ 45 Hz

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1 x 30A (external)

Dimensions ----- 150 x 45 x100mm



► CLASS D AMPLIFIERS

FOUR100

4-CHANNEL CLASS D AMPLIFIER • 800 WATTS RMS



Features

- output Power RMS @13.8V : 4x120/200 Watts @ 4/2Ohms ; 2x400Watts @ 4Ohms bridged
- Input Sensitivity : 5 - 0.2v
- CH3/4 > CH1/2 Copy Function
- Input Mode Switch 2-channel/4-channel
- RCA Inputs, RCA Outputs
- Interference Free Technology, EMC proved
- Start-stop capability : 8.5V
- Intelligent Hi-Level Input : EPS(Error Protection System)
- Auto turn on via DC or signal
- Bass level remote controller >>>

Specification

OUTPUT POWER RMS @ 13.8V:

----- 4x120 W @ 4 Ohms
----- 4x200 W @ 2 Ohms
----- 2x400 W @ 4 Ohms bridged

OUTPUT POWER RMS @ 14.4V:

----- 4x131 W @ 4 Ohms
----- 4x218 W @ 2 Ohms
----- 2x435 W @ 4 Ohms bridged

Frequency Range -3dB ----- 4-39000 Hz

Damping Factor ----- > 300

S/N ratio ----- 107 dB

THD+N ----- < 0.02%

Input Sensitivity ----- 5-0.2V

----- Channel 1/2

Crossover Modes ----- Full – HP – Copy

High Pass Filter ----- 50 – 5000 Hz

----- Channel 3/4

Crossover Modes ----- Full – HP – LP/BP

High Pass Filter ----- 10 – 500 Hz

Low Pass Filter ----- 50 – 5000 Hz

Bass Boost ----- 0 – 12 dB @ 45 Hz

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1x70A (external)

Dimensions ----- 220x45x150mm



► CLASS D AMPLIFIERS

SIX100

6-CHANNEL CLASS D AMPLIFIER • 1080 WATTS RMS



Features

- 6x110/180 Watts RMS @ 4/2 Ohms
- 3x360 Watts RMS @ 4 Ohms bridged
- Input Mode Switch 2-channel/4-channel/6-channel
- RCA Inputs, RCA Outputs
- High Level Inputs with EPS
- Auto Turn On Function
- Bass Remote Controller
- Interference Free Technology, EMC proved
- Bass Remote Controller

Specification

OUTPUT POWER RMS @ 13.8V:

----- 6x110 W @ 4 Ohms
----- 6x180 W @ 2 Ohms
----- 3x392 W @ 4 Ohms bridged

OUTPUT POWER RMS @ 14.4V:

----- 6x120 W @ 4 Ohms
----- 6x196 W @ 2 Ohms
----- 3x392 W @ 4 Ohms bridged

Frequency Range -3dB ----- 4-38000 Hz

Damping Factor ----- > 150

S/N ratio ----- 107 dB

THD+N ----- < 0.02%

Input Sensitivity ----- 5-0.2V

----- Channel 1/2

Crossover Modes ----- Full – HP

High Pass Filter ----- 50– 5000 Hz

----- Channel 3/4

Crossover Modes ----- Full – HP – LP/BP

High Pass Filter ----- 10 – 500 Hz

Low Pass Filter ----- 50 – 5000 Hz

Bass Boost ----- 0 – 12 dB @ 45 Hz

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1 x 80A (external)

Dimensions (mm) ----- 290x45x150



► CLASS D AMPLIFIERS

EIGHT100 NEW

8-CHANNEL CLASS D AMPLIFIER • 14400 WATTS RMS



Features

- Output Power RMS @13.8V : 8x100/1800 Watts @ 4/2Ohms ; 4x360Watts @ 4Ohms bridged
- Input Sensitivity : 5 - 0.2v
- Input Mode Switch 4-channel/8-channel
- RCA Inputs, RCA Outputs
- Interference Free Technology, EMC proved
- Start-stop capability : 8.5V
- Intelligent Hi-Level Input : EPS(Error Protection System)
- Auto turn on via DC or signal
- Bass level remote controller

Specification

OUTPUT POWER RMS @ 13.8V:

----- 8x100 W @ 4 Ohms

----- 8x180 W @ 2 Ohms

----- 4x360 W @ 4 Ohms bridged

OUTPUT POWER RMS @ 14.4V:

----- 8x110 W @ 4 Ohms

----- 8x195 W @ 2 Ohms

----- 4x390 W @ 4 Ohms bridged

Frequency Range -3dB ----- 4-38000 Hz

Damping Factor ----- > 150

S/N ratio ----- 107 dB

THD+N ----- < 0.02%

Input Sensitivity ----- 5-0.2V

Channel 1/2

Crossover Modes ----- Full – HP

High Pass Filter ----- 50– 5000 Hz

Channel 3/4

Crossover Modes ----- Full – HP – LP/BP

High Pass Filter ----- 10 – 500 Hz

Low Pass Filter ----- 50 – 5000 Hz

Channel 5/6

Crossover Modes ----- Full – HP– Copy

High Pass Filter ----- 50– 5000 Hz

Channel 7/8

Crossover Modes ----- Full – HP – LP/BP

High Pass Filter ----- 10 – 500 Hz

Low Pass Filter ----- 50 – 5000 Hz

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1 x 120A (external)

Dimensions (mm) ----- 320 x 45 x150



► CLASS D AMPLIFIERS

ONE600

MONO CLASS D AMPLIFIER • 650 WATTS RMS



Features

- 1 x 250/400/650 Watts RMS @ 4 /2/1Ohms
- RCA Inputs, RCA Outputs
- High Level Inputs with EPS
- Auto Turn On Function
- Filter Bypass Function (Pure Amplification)
- Bass Remote Controller
- Interference Free Technology, EMC proved

Specification

OUTPUT POWER RMS @ 13.8V:

----- 250 W @ 4 Ohms
----- 400 W @ 2 Ohms
----- 650 W @ 1 Ohm

OUTPUT POWER RMS @ 14.4V:

----- 272 W @ 4 Ohms
----- 435 W @ 2 Ohms
----- 707 W @ 1 Ohm

Frequency Range -3dB ----- 6-1250 Hz

Damping Factor ----- > 750

S/N ratio ----- 91 dB

THD+N ----- < 0.05%

Input Sensitivity ----- 5-0.2V

Filter Section

Sub sonic filter ----- 10 - 40 Hz

Low Pass Filter ----- 40 - 150 Hz

Bass Boost ----- 0 - 18 dB @ 45 Hz

Phase Shift ----- 0 - 180°

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1 x 50A (external)

Dimensions (mm) ----- 200 x 45 x150



► CLASS D AMPLIFIERS

ONE1000

MONO CLASS D AMPLIFIER • 1050 WATTS RMS



Features

- 1 x 400/650/1050 Watts RMS @ 4 /2/1 Ohms
- RCA Inputs, RCA Outputs
- High Level Inputs with EPS
- Auto Turn On Function
- Filter Bypass Function (Pure Amplification)
- Bass Remote Controller
- Interference Free Technology, EMC proved

Specification

OUTPUT POWER RMS @ 13.8V:

----- 400 W @ 4 Ohms
----- 650 W @ 2 Ohms
----- 1050 W @ 1 Ohm

OUTPUT POWER RMS @ 14.4V:

----- 435 W @ 4 Ohms
----- 707 W @ 2 Ohms
----- 1143 W @ 1 Ohm

Frequency Range -3dB ----- 6-1250 Hz

Damping Factor ----- > 320

S/N ratio ----- 105 dB

THD+N ----- < 0.05%

Input Sensitivity ----- 5-0.2V

Filter Section

Sub sonic filter ----- 10 - 40 Hz

Low Pass Filter ----- 40 - 150 Hz

Bass Boost ----- 0 - 18 dB @ 45 Hz

Phase Shift ----- 0 - 180°

Start-stop capability ----- 8.5V

High Level Input with EPS ----- Yes

Auto Turn On ----- Via DC or Signal

Fuse Rating ----- 1 x 80A (external)

Dimensions (mm) ----- 150 x 45 x 240



► CLASS D AMPLIFIERS

P2

2-CH Class D Amplifier

The innovative P2 with super compact size, has an amazing output power of up to 200 Watts RMS, which is capable of driving a medium-sized subwoofer. This mini amplifier is good partner for M6 and D8.

Specification

Distortion - THD (1 kHz @ 4 Ω , 1W)-----	0.1 %
Bandwidth (-3 dB, 10W, 4 Ω)-----	15 Hz - 22 kHz
S/N ratio @ A weighted, Max. Power-----	95 dB A
Damping factor @ 1 kHz, 10W RMS, 4 Ω -----	> 70
Input sensitivity-----	0.5 V - 10V RMS
Input impedance-----	20 k Ω
LOAD IMPEDANCE (MIN):	
2CH-----	2 Ω
1CH - Bridge-----	4 Ω
OUTPUT POWER (RMS) @ 14.4 VDC, THD=1%:	
2CH @ 4 Ω -----	80W x2
2CH @ 2 Ω -----	100W x 2
1CH - (Bridge) @ 4 Ω -----	200 W x 1
Operating Voltage -----	DC 8 -15V
Dimensions (mm) -----	124(L) x 75(W) x 36(H)
Net Weight-----	468 G

Features

- 2 x 80 /100 Watts RMS @ 4/2 Ohms or 1 x 200 Watts RMS @ 4 Ohms bridged
- Input: 2 x AUX
- Output: 2 x High Level
- Start-Stop Ready: Advanced power amplifier control circuit can eliminate the sound interruption at start and stop
- Perfect protection and heat dissipation guarantees reliable and stable performance of machine



Compared with
iPhone X size





ACCESSORIES

BTA2^{NEW}

External Bluetooth USB-Dongle for APP and Audio Streaming

Functional Description

- Download the MUSWAY Tunest to your smartphone via the App Store or Google Play.
- Connect the BTA2 to the USB port on the MUSWAY DSP amplifier or processor.
- Activate Bluetooth® on your smartphone and then search for the device name MUSWAY BTA2. Then pair the BTA2 dongle with your smartphone.
- Then start the audio playback on your smartphone.
- Open the MUSWAY Tunest to modify the settings on your amplifier.



IOS



Android



MUSWAY TUNEST



External Bluetooth USB-Dongle for APP and Audio Streaming

BTS HD

aptX HD Bluetooth USB-Dongle for Hi-Res Audio Streaming

Features

- Bluetooth 5.0
- Support Music format : Aptx, AptxII, Aptx HD
- Support 24BIT/192KHZ
- The system version of Android phone must be 8.0 or higher



BTS

External Bluetooth USB-Dongle for Audio Streaming

Functional Description

- Connect the BTS dongle to the USB port BT on your MUSWAY amplifier
- Activate Bluetooth on your smartphone and then search for the device name MUSWAY. Then pair the BTS dongle with your smartphone
- Then use the DSP PC software or the optional DRC1 controller to select BT as input source on your MUSWAY amplifier
- Then start the audio playback on your smartphone. From now on, both devices connect automatically



HL2

Intelligent 2-Channel High Low Converter

The intelligent high/low converter is perfect for generating low-level preamplifier signals from speaker terminals of a factory head unit. Thanks to the automatic turn-on function, a turn-on signal is generated for the connected amplifier.



Features

- Input: 2CH High Level
- Output: 2CH Low Level
- Intelligent Hi-Level Input: EPS(Error Protection System)
- Auto Turn-On : Turn on/off by DC offset signal or audio signal
- Start/Stop ready up to 6,5 V

Specification

Max. Input Level	-----16 V RMS
Input Impedance	----- 13 Ω
Max. Output Level:	-----5 V
Frequency Response:	-----5 - 80.000 Hz
Remote Output Max.:	----- 200 mA
Operating Voltage	-----6,5 - 18 V
Dimensions (mm)	-----84(L) x44(W) x19.5(H)
Net Weight	----- 107G

DRC1

Digital Remote controller

Functional Description

- Adjust master volume
- Adjust subwoofer level
- Select signal source: Hi. Level / BT / AUX / Optical
- Selecting stored setups: 6 different presets
- Mute function
- Set channel pair for subwoofer level

