

## Musway SIX100

The brand new Musway is a little out of line. Instead of 4 + 1 channels for stellite and subwoofer, we have a straight six-channel in front of us. All channels have the same performance, but have specialized filter equipment.

Channels 12 can also drive tweeters, 3 and 4 can bandpass for bass-midrange speakers.

Numbers 5 and 6 are also bandpass-capable up to 4 kHz and can also offer a bass boost for subwoofers including remote control. And

the frightened of subwoofers

SIX100 never back. All channel pairs can be bridged, so that they deliver a full 432 watts to one to three 4-ohm sub(s) - the competition has to dress warmly. Inside, the Musway is very tidy and modern, although it does not amplify with ICs, but trusts in MOSFETs. But there is also twice as much power as with chips.

### Sound

With already 120 watts on the 4-ohm component, the SIX100 is a powerful

package, and you can hear that too. Merciless passage in bass and power sound down to the darkest bass octaves. But the Musway is also a lot of fun in the mid-high range, because it leaves nothing to be desired in terms of dynamics. Fortunately, that doesn't mean

that she cannot play beautifully or quietly. Great male and female voices and a sound as if from a single source know how to inspire even the most demanding ears.



The Musway impresses with its thick mains transformer, plus there is plenty of buffering. The particularly large Class D low-pass coils are also designed for performance



TEST WINNER

Absolute top class

**CAR & HiFi** 2/2021

EMC TIP

Undisturbed radio reception

**CAR & HiFi** 2/2021

### rating

price	around 500 euros
sound	40% 1.1 <span style="color:red">■■■■■</span>
laboratory	35% 1.1 <span style="color:red">■■■■■</span>
practice	25% 1.1 <span style="color:red">■■■■■</span>

### Musway SIX100

Top class **1.1**  
Price-performance:  
outstanding

**CAR & HiFi** Issue 2/2021

"Super successful six-channel with sound and power."

### Test conclusion

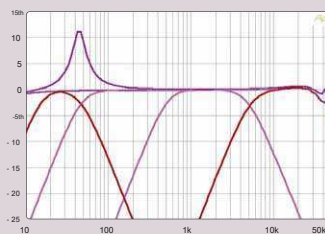
In our upper class up to 300 euros there are two test participants. The Renegade is available for an incredible 200 euros and you don't need more. Although it is not the most modern, it has almost the same performance as the more expensive competitor and does not sound a bit worse. The hour of the ESX strikes when serious subwoofer operation is desired. It is the only one that also drives a 1-ohm woofer, so even the top-of-the-range models cannot keep up in the test. But also with its 2-ohm output it is in an excellent position. So if you want to drive more than a light 20 or 25 mm subwoofer, you should use the ESX, the 50 euros are more worthwhile here. Both amplifiers only have one flaw in common, namely the lack of high-level inputs. A high-low adapter is required for operation directly on the factory radio.

Our top class amplifiers range from 340 to 500 euros, with the Ground Zero being by far the cheapest. She is just as good as the two Americans, and because of the better equipment she even pulls past. But Kicker and Rockford Fosgate also deliver amplifiers that you can definitely like. The Rockford sound in particular is guaranteed to suit many ears. On off-

The kicker can show its 40-volt inputs. This is an advantage if it is to be attached to an existing factory amplifier. The Rockford, on the other hand, has a leveling aid with the Clean with a clipping LED for inputs and outputs.

The Musway remains the only six-channel power amplifier in the test. And she actually manages to outclass the rest. It has by far the most duct power and modern, complete equipment. The lack of a subwoofer channel is also not a disadvantage for subwoofers. With two of its channels, the Musway shows the subwoofer channels of its competitors what 430 watts into 4 ohms is - up to three times. Congratulations to Musway.

### • Musway SIX100



The filters are divided between the channel pairs in such a way that the entire system is supplied from the sub to the tweeter



Mighty power of 119 or 216 W on all 6 channels

PRICE TIP

Top class 250-500 K  
**CAR & HiFi** 2/2021

TEST WINNER

Top class 250-500 K  
**CAR & HiFi** 2/2021

SOUND TIP

Top class 250-500 K  
**CAR & HiFi** 2/2021

EMC TIP

Top class 250-500 K  
**CAR & HiFi** 2/2021

EMC TIP

Top class 250-500 K  
**CAR & HiFi** 2/2021

**Multichannel power amplifiers**



**ESX SXE1000.5**



**Renegade RXA1500**



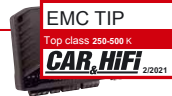
**Ground zero GZHA Mini Five**



**Musway SIX100**



**Kicker CXA660.5**



**Rockford Fosgate R2-750x5**

distribution		Audio design 07253 9465-0 esxaudio.de	Audio design 07253 9465-0 audiodesign.de	Ground zero 08095-873830 ground-zero-audio.com	Audio design 07253 9465-0 musway.de	Audio design 07253 9465-0 audiodesign.de	Audio design 07253 9465-0 audiodesign.de
Hotline							
Internet www.							
sound	40%	1.2	1.2	1.2	1.1	1.2	1.1
Bass foundation	8th %	1.0	1.5	1.0	1.0	1.5	1.5
neutrality	8th %	1.0	1.0	1.0	1.0	1.0	1.0
transparency	8th %	1.5	1.0	1.0	1.0	1.0	1.0
Spatiality	8th %	1.5	1.5	1.5	1.5	1.5	1.0
dynamics	8th %	1.0	1.0	1.5	1.0	1.0	1.0
laboratory	35%	1.6	1.7	1.6	1.1	1.6	1.7
power	20%	1.0	1.5	1.5	1.0	1.5	1.5
Damping factor	5%	1.5	2.5	2.0	1.5	2.0	2.0
Signal to noise ratio	5%	2.0	2.0	2.0	1.0	1.5	2.0
Distortion factor	5%	3.5	1.5	1.5	1.0	1.5	2.0
practice	25%	1.5	1.6	1.4	1.1	1.8	1.7
Furnishing	15%	1.5	1.5	1.5	1.0	2.0	2.0
Processing electronics	5%	1.5	2.0	1.0	1.0	1.5	1.0
Processing mechanics	5%	1.5	1.5	1.5	1.5	1.5	1.5

**Technical specifications**

channels	5	5	5	6th	5	5
Power 4 ohms	4 x 69 + 167	4 x 61 + 225	4 x 71 + 193	6 x 119	4 x 67 + 194	4 x 57 + 225
Power 2 ohms	4 x 107 + 320	4 x 96 + 255	4 x 119 + 315	6 x 216	4 x 109 + 346	4 x 107 + 394
Power 1 ohm	515	0	0	0	0	0
Bridge power 4 ohms	2 x 214	2 x 192	2 x 238	3 x 432	2 x 218	2 x 214
Bridge power 2 ohms	0	0	0	0	0	0
Sensitivity max mV	200	160	500	480	500	500
Sensitivity min V	7.0	1.3	> 13.3	5.0	> 13.3	> 13.3
THD + N (<22 kHz) 5 W THD + N	0.037 / 0.425	0.055 / 0.082	0.013 / 0.03	0.01	0.006 / 0.075	0.003 / 0.099
<22 kHz) half load signal to noise ratio dB (A)	0.034 / 0.53	0.03 / 0.075	0.031 / 0.075	0.04	0.004 / 0.084	0.006 / 0.3
Damping factor 20 Hz	88/53	90/52	82/62	93	106/64	84/67
Damping factor 80 Hz	51/248	62/121	111/179	144	144/172	97/160
Damping factor 400 Hz	51/235	62/121	113/179	160	140/179	97/154
Damping factor 1 kHz	50/236	62/115	114/179	160	139/172	95/154
Damping factor 8 kHz	50/235	61/104	105/186	166	135/172	91/144
Damping factor 16 kHz	48/235	52/100	18/179	236	100/178	31/140
Damping factor 16 kHz	43/235	43/99	5/179	-	60/172	10/132

**Furnishing**

Low pass	32 - 300 Hz (CH5)	32 - 300 Hz (CH5)	50 - 4k (CH34) / 50 - 250 (CH5) Hz	50 - 5k Hz (CH3-6)	50 - 250 Hz (CH5)	50 - 250 Hz
High pass	32 - 2k Hz (CH1-4)	32 - 2k Hz (CH1-4)	10 - 4k Hz (CH1-4)	50 - 5k (CH12) / 15 - 500 (CH3-6) Hz 15 -	25-200 Hz (CH1-4)	50 - 250 Hz (CH1-4)
Bandpass	10 - 300 Hz (CH5)	10 - 300 Hz (CH5)	10 - 4k Hz (CH1-4)	5k (CH34)	-	-
Bass boost	0 - 12 dB / 40 - 60Hz (CH5)	0 - 12 dB / 40 - 60Hz (CH5)	-	0 - 12 dB / 45Hz (CH56)	0 - 6 dB / 40Hz (CH5)	0 - 18 dB / 45Hz
Subsonic filter	10 - 60 Hz (CH5)	10 - 60 Hz (CH5)	fi x 25 Hz	via HP (CH3-6)	fi x 25 Hz / 24 dB	15 - 40 Hz / 24 dB
Phase shift	-	-	-	-	-	-
High level inputs	-	-	-	-	• (adapter)	•
Switch-on auto. (Autosense)	-	-	•, DC	•, DC or Signal	•, DC	•, DC
RCA outputs	-	-	-	-	-	-
Start-stop ability	• (6.1 V)	• (6.6 V)	- (9.4 V)	• (7.2 V)	- (8.3 V)	- (9.0 V)
Dimensions (L x W x H in mm)	360 x 220 x 51	370 x 220 x 48	322 x 135 x 52	290 x 150 x 45	357 x 170 x 59	285 x 173 x 49
miscellaneous	Remote control, 2, 4, 6 CH In	remote control	Remote control, 2, 4, 5 CH In	Remote control, 2, 4, 6 CH In, EPS	2, 4, 5 CH In	Remote control, CLEAN

**rating**

price		by 250 euros	around 200 euros	around 340 euros	around 500 euros	by 480 euros	around 500 euros
sound	40%	1.2	1.2	1.2	1.1	1.2	1.1
laboratory	35%	1.6	1.7	1.6	1.1	1.6	1.7
practice	25%	1.5	1.6	1.4	1.1	1.8	1.7
Price-performance		outstanding	outstanding	outstanding	outstanding	very good	very good
		Abs. Top class	Abs. Top class	Abs. Top class	Abs. Top class	Abs. Top class	Abs. Top class
		Top class	Top class	Top class	Top class	Top class	Top class
		Upper class	Upper class	Upper class	Upper class	Upper class	Upper class
		Entry-level	Entry-level	Entry-level	Entry-level	Entry-level	Entry-level
		<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.1</b>	<b>1.5</b>	<b>1.5</b>