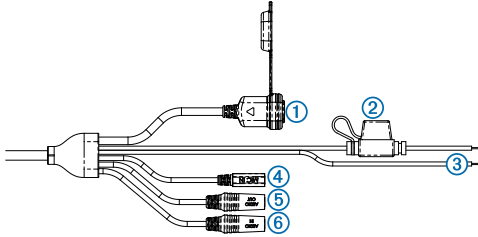




zūmo® 590 Motorcycle Wiring Harness Specifications

Motorcycle Mount Wiring Harness



①	USB (input/output)
②	System power (red) with in-line fuse (input)
③	System ground (black)
④	2.5 mm microphone (input)
⑤	3.5 mm stereo line-out audio (output)
⑥	3.5 mm stereo line-in audio (input)

System Power and Ground

The power cables are intended to connect to a motorcycle battery. The system power cable has a fast-acting 3A fuse.

	Criteria	Minimum	Typical	Maximum
Input voltage	N/A	N/A	12 V	28 V
Input current	Input voltage: 12 V	-1.65 A	0.7 A	3 A

Line-In Audio

The line-in audio interface is a 3.5 mm female jack with stereo audio support.

	Criteria	Minimum	Typical	Maximum
Input resistance	N/A	N/A	10 k Ω	-
Input common mode voltage	0 V DC offset	-1.65 V	-	1.65 V

Line-Out Audio

The line-out audio interface supports headphones and high-impedance audio systems. It is a 3.5 mm female jack with stereo audio support. When connected to an active audio system input, the output should be coupled capacitively into the audio system. Most aftermarket built-in audio systems already include capacitive coupling.

	Criteria	Minimum	Typical	Maximum
Output resistance	N/A	N/A	100 Ω	N/A
Output common-mode voltage	0 V DC offset, high impedance system	-1.65 V	N/A	1.65 V
	0 V DC offset, 32 Ω headphones	-0.4 V	N/A	0.4 V
	0 V DC offset, 16 Ω headphones	-0.228 V	N/A	0.228 V

Microphone Input

The microphone interface is a 2.5 mm female jack with a differential input.

	Criteria	Minimum	Typical	Maximum
Microphone bias voltage	N/A	N/A	1.7 V	N/A
Differential impedance	N/A	100 Ω	2,200 Ω	23,000 Ω

USB Port

The connector is a USB type-A female connector.

	Criteria	Minimum	Typical	Maximum
Output	Measured at the USB connector	4.9 V	N/A	5.25 V
Output current	N/A	N/A	N/A	1 A

