



MEMPHIS

AUDIO SINCE 1965

2Ω WIRING

MOJO

1Ω WIRING



MOJO

www.memphiscaraudio.com



MOJO SUBWOOFER SPECS

	UNITS	MOJO1212		MOJO1512	
THIELSE SMALL PARAMETERS		1 Ω	2 Ω	1 Ω	2 Ω
Resonant Frequency (fs)	Hz	36	36	30	30
Mechanical Q (Qms)		8.18	8.16	6.53	6.39
Electrical Q (Qes)		0.81	0.68	0.78	0.66
Total Q (Qts)		0.737	0.63	0.69	0.59
Sensitivity	dB	83.5	84	86.1	86.8
Xmax Linear	in.	0.77	0.77	0.77	0.77
Displacement	cf.	0.358	0.358	0.558	0.558
Air volume of suspension (Vas)	cf.	0.645	0.645	2.855	2.856
Moving Mass (Mms)	g	372	372.2	387	387
Suspension Compliance (Cms)	mmN	0.054	0.054	0.075	0.075
Effective piston area (Sd)	SqCm	490.84	490.84	876.13	876.13
Motor Strength (Bl)	TM	11.02	16.62	10.23	15.51
VOICE COIL & MAGNET					
Impedance	ohms	1	2	1	2
DCR	ohms	1	1.9	1	1.98
Voice coil diameter	in.	3.5	3.5	3.5	3.5
RMS Power	Watts	1500	1500	1500	1500
Peak Power	Watts	3000	3000	3000	3000
Magnet weight	oz	250	250	250	250
Magnet diameter	in.	7.5	7.5	7.5	7.5
PHYSICAL DIMENSIONS					
Mounting depth	in.	8.74	8.74	9.65	9.65
Cutout Diameter	in.	10.79	10.79	14.05	14.05
Frame Outside Diameter	in.	12.75	12.75	15.75	15.75
ENCLOSURE RECOMMENDATIONS *GROSS VOLUME					
Single Sub Sealed	cf.	1.5	1.5	2.6	2.6
Dual Subs Sealed	cf.	2.7	2.7	5	5
Single Sub Vented	cf.	2.5	2.5	4.4	4.4
Port Dimensions	in.	5" x 5" x 27"L	5" x 5" x 27"L	7" x 6" x 28"L	7" x 6" x 28"L
Tuning Frequency	Hz	36	36	34	34
Dual Sub Vented	cf.	4.6	4.6	8.5	8.5
Port Dimensions	in.	7" x 6" x 23"L	7" x 6" x 23"L	9" x 9" x 22"L	9" x 9" x 22"L
Tuning Frequency	Hz	36	36	34	34



**Speaker Wire
Side**

**Connect to
amplifier.**

**Jumper Wire
Side**

953MJM812

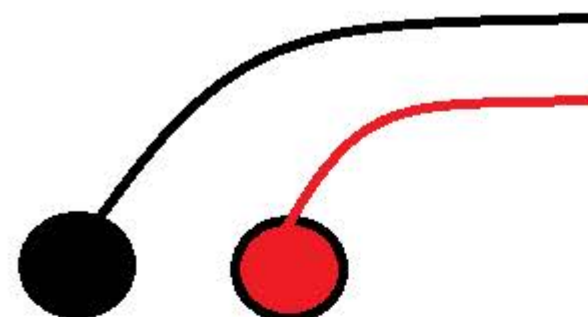
JUMPER TERMINALS



USE ONE JUMPER

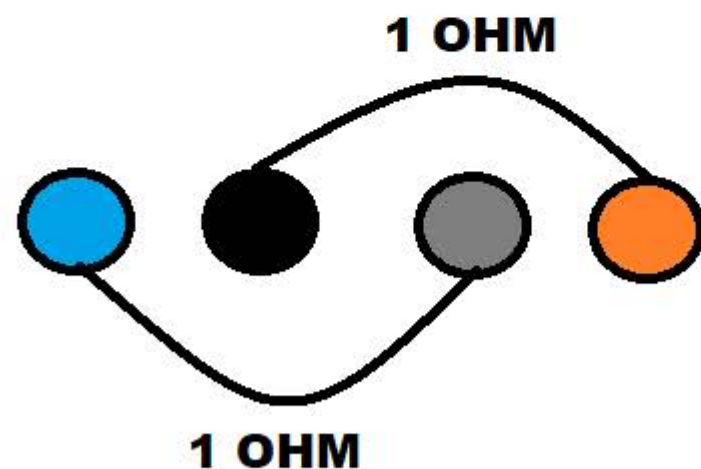


SPEAKER WIRE TERMINALS

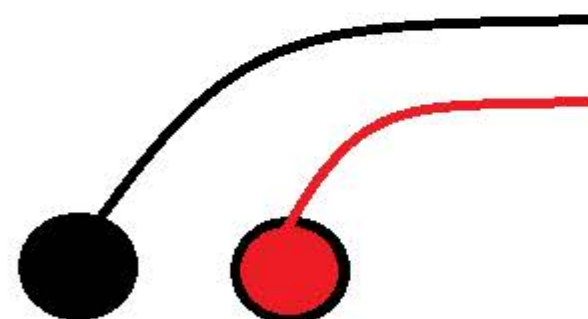


TO AMP

**Measures 1.9 Ohms
DC Resistance.**



USE TWO JUMPERS



TO AMP

**Measures 1 Ohm
DC Resistance.**

**953MOJO151
953MOJO121
953MJM812**

Woofer Wiring