

Connection diagram for LS.32 Series Terra speaker packages

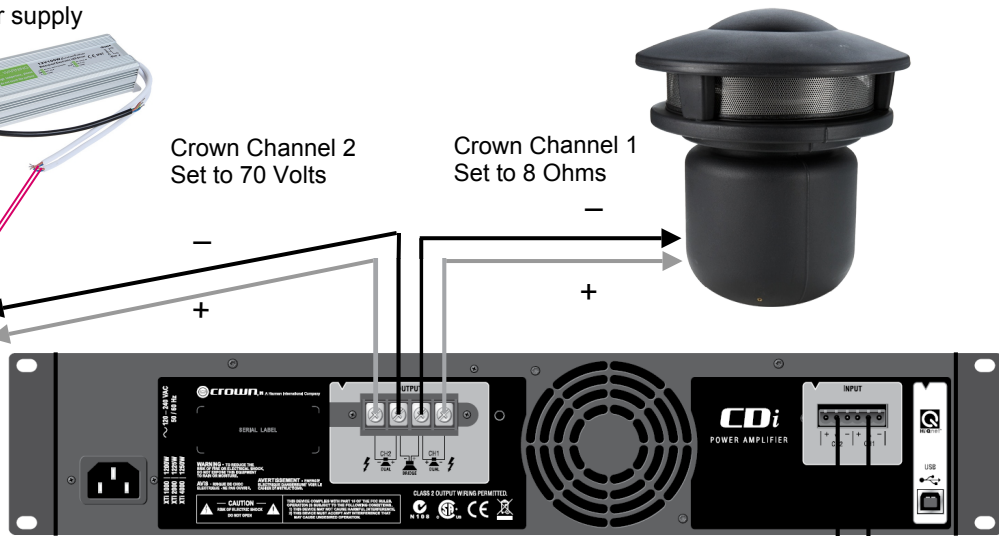
Terra LED lighting power supply
110VAC in, 12VDC out

Each 12V output lead can be run up to 60 feet. Supply can drive up to 18 total lamps.

12 V DC +/-

Crown Channel 2
Set to 70 Volts

Crown Channel 1
Set to 8 Ohms



Crown CDi Series™ amp
Be sure to choose the correct Terra Pre-set from the Crown menu.

Right/Left source outputs



RDL TX-LC2

Jump all 3 input leads to the second Phoenix connector.

NOTES:

Connect your Source to the Crown using the included Phoenix™ connectors. From a stereo source, convert to mono and balanced using an active device like the RDL TX-LC2™ (photo above, available from Terra). Connect the mono output from the RDL to one Phoenix connector and then parallel to the second connector for the other channel.

The RDL increases the signal level in order to adequately drive the Crown, which requires a stronger input signal than residential audio sources typically provide.

This basic hookup method is the same for all AC and LS series models. You can mix and match models within these series using this same method (Of course, all must be 70 volt models).

Wire sizes: 8 Ohm - 18ga. to 32'/9.7m, 16ga. to 48'/15m, 14ga. to 80'/24m, 12ga. to 120'/36m, 10ga. to 200'/61m.

70 V wire chart

Ga.	5 watt	10 watt	15 watt	30 watt	50 watt	100 watt	200 watt
16	10,000 ft	7,000 ft	4,600 ft	2,300 ft	1,400 ft	700 ft	350 ft
18	9,000 ft	4,500 ft	2,800 ft	1,400 ft	830 ft	415 ft	205 ft
20	5,500 ft	2,700 ft	1,800 ft	900 ft	540 ft	270 ft	135 ft

Parallel each LS.32 in a "daisy chain" configuration for both speaker wiring and DC lighting.

The CDi 1000 (500 W/cha.) can drive a maximum of 12 speakers when they're set to 32 Watts each. More powerful Crown amps are available.

70V Watts	Tap	# Speakers	X	120%	Total Watts
Example	32	12	X	1.2	460.8
			X		

All contents are general recommendations. Terra assumes no responsibility for results achieved.

