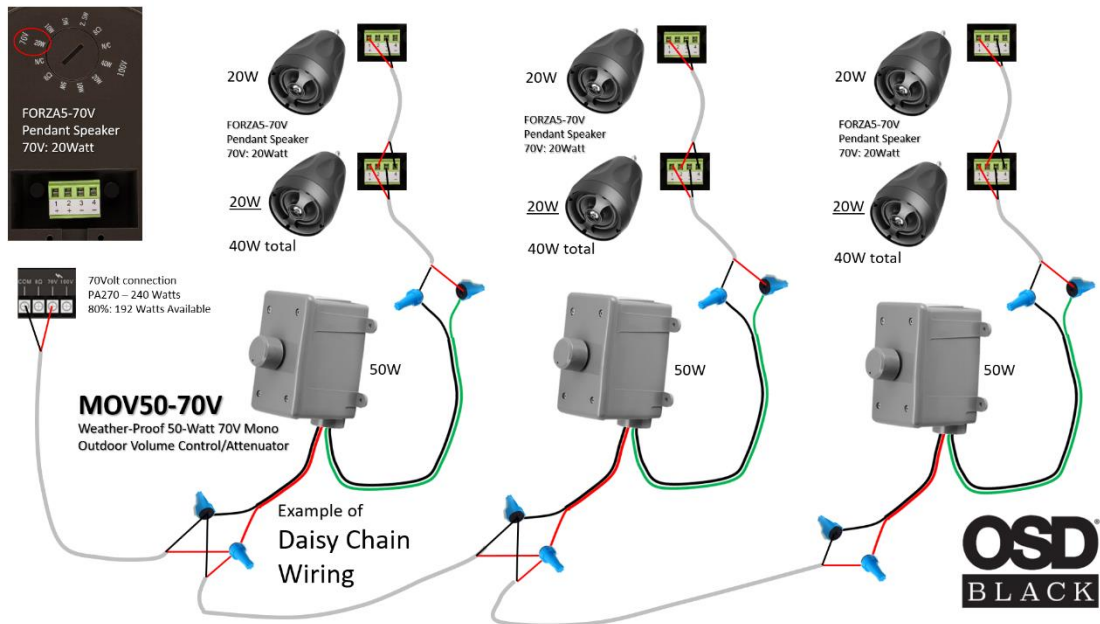


Option 1: Daisy Chain, single Amp connection

Basic Connections:

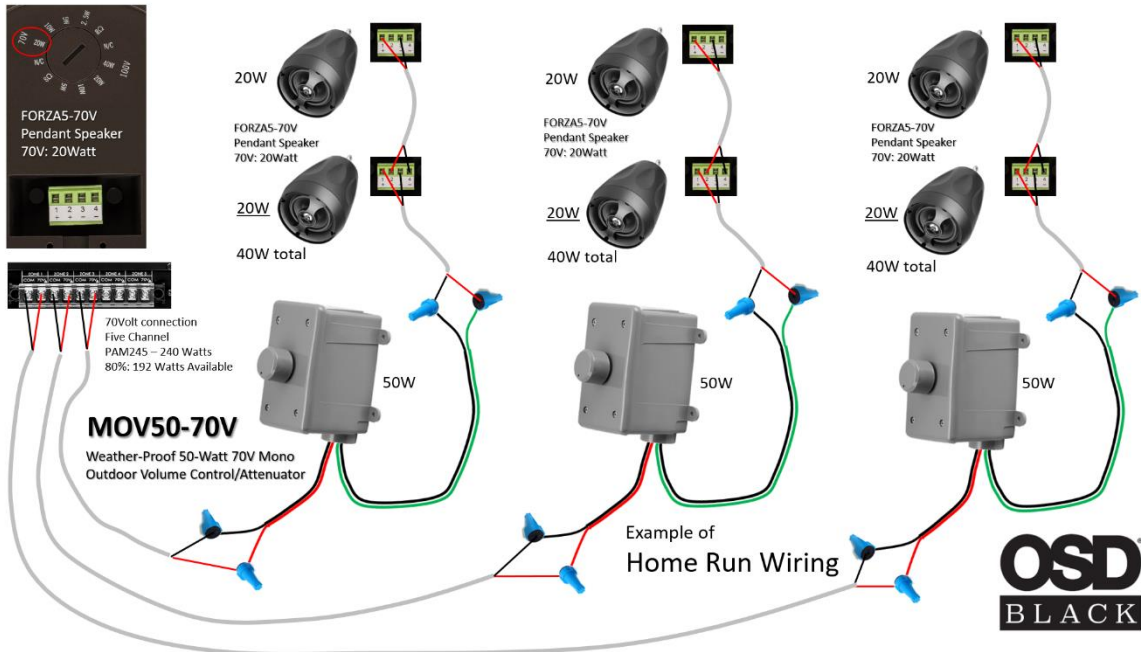
1) All 70V Speaker Connections are in Parallel. The MOV50-70V has two options for connecting to the 70Volt Amplifier. Number one, **Daisy Chain**, features a single connection from the Amplifier (like our PA270 AMP/MIXER) to the first Attenuator. The two-conductor wire splits between connecting to the first Attenuator and Second Attenuator. This step will be repeated, depending on how many Attenuators are connecting. Number 2, **the Home Run connection**, has a two-conductor wire coming from each Attenuator back to the 70V Amplifier. Our PAM245 features 1 to 5 channel connections where the cables will be home run from each of the individual Attenuator back the respective five-channel connections.



2) The Common and 70Volt outputs of the Amplifier connect to the Common and Input of each Attenuator whether all are coming directly from the Amplifier in "Home Run" or from the Attenuator to the previous Attenuator in the "Daisy Chain"

3) The Common and Output of each Attenuator connects to the Common and desired color-coded wattage wire on the Primary of the 70 Volt Transformer. Or the Common and Output of each attenuator connects to the negative (black) and Positive (red) for a speaker with built in transformer. Then the wattage is set with the selector the Home Run connection featured on next page below)

Option 2: Home Run, for Multiple Connections to the Amp/Mixer/Preamp like the PAM245 with its Five Channel Output



Power Rating:

The MOV50-70V is rated at 50W so the speaker(s) connected to it needs to total 50 watts or less for each of each Attenuators.

Picking the right Distribution Amplifier:

The amplifier must have a 70Volt output. It must have an output power rating equal to or higher than the total wattage of the system after you have calculated the total number of watts for all the speakers combined. If you had four speakers at 5 watts each (20 total) and one speaker set to 10 watts (20 + 10 = 30), your amplifier must be rated at least 30 watts minimum. If you had five speakers at 10 watts each (50 total) and another 5 five speakers at 5 watts each (25 + 50 = 75), you would need an amplifier rated at a minimum 75 watts.

Note: the total wattage of your system with all speakers combined should be 80 to 90 percent of the rated power of the amplifier. Our PAM245 is 240 Watts. 80% to 90% is 192watts to 216 watts. Your system must total less than the 216 watts at a minimum.

OSD Audio Limited Warranty

OSD Audio will repair or replace any defect it in material or workmanship which occurs during normal use of this product with new or rebuilt parts free of charge in the US for five years from date of original purchase. This warranty does not cover damages in shipment, failure caused by other products not supplied by OSD Audio or failures due to accident, misuse, or alteration of the equipment. This warranty is extended only to the original purchaser and a purchase receipt, invoice or other proof of original date will be required before warranty repairs are provided

Mail in service can be obtained during period by emailing RMA@osdaudio.com. A return authorization number must be obtained in advance and be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period please contact OSD Audio or your dealer