

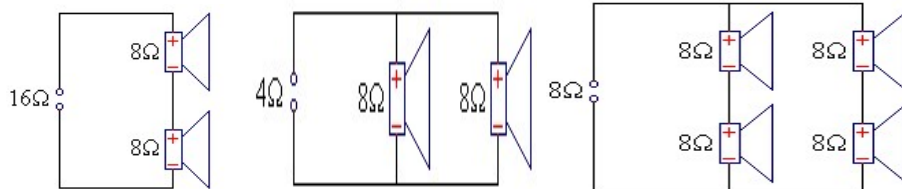
## PA system Matching Methods

Purpose of Matching: To deliver maximum power from Amplifier to Loudspeaker.

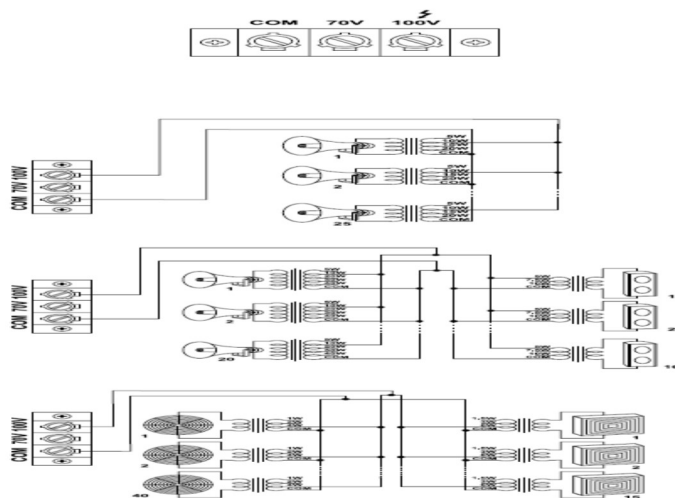
Condition : Source resistance should be equal to load resistance.

### Impedance Matching – Normally Box speakers are connected

(Series                      Parallel                      Series parallel connections)



**Voltage Matching – To connect Horns and column Speakers. Line matching transformer should be available inside the speakers. (Parallel connection only)**



### **Amplifier Terminals:**

Mic	:	To connect Microphone Input
AUX	:	To connect Cassette Player Input
Line Out	:	To connect Booster Amplifier
Pre-Amp out	:	To connect Cassette Recorder