



PA
Public Address System.
XLR
A plug for microphones
with 3 pins.

SMALL PA BASICS

COMMON TERMS IN THIS VIDEO



LINE INPUT OR JACK PLUG

For instruments on a mixing desk, could be for a keyboard or an acoustic guitar.



SIGNAL FLOW

The direction and way the sound flows to get from the microphone to our ears, or from an instrument to the PA.



INSERT

Is used to add effects to just that channel, sends and receives sound in one jack input.



GAIN

Control used to adjust level to the channel before the fader. (Pre Fader or Pre Fader Level PFL).



PEAK LIGHT

Flashing tells us there is too much level, normally RED in colour.



HIGH PASS FILTER

Takes out low frequencies or deep sounds to make a signal clearer in the mix.



COMPRESSOR

Makes a signal less dynamic and jumpy in its volume making it sit better in a mix.



E.Q - EQUALISER

Used to add or take out frequencies, highs and low sounds, that can cause an issue in your mix, like bass and treble on car or home stereo.



EFFECTS SEND

Send some signal to the effects, adding delay, reverb and other colours to your sounds.



EFFECTS RETURN

Control the amount of effect, delay, reverb, signal coming back into the mix or mixing desk.



VOLUME CONTROL

Controls the volume of that channel in the overall mix (also may be a fader).



MASTER VOLUME / STEREO MASTER

Control the overall volume output of the mixer, could also be a headphone volume too (also may be a fader).



PAN

Moving sound to left or right speakers, or in the centre, to open up your mix.

HINTS & SAFETY

- » Always turn the PA ON LAST and OFF FIRST, checking that the volume is down then turn ON the speakers, then bring the volume up, in reverse for power down, volume down on speakers, then turn off.
- » Avoid feedback with the microphone and speaker, do not point the microphone into the speaker.
- » Store your PA in a dry and secure location.
- » Watch the volume - make sure it's not too loud - look for red light on master control volume and channels and turn down if they light up, take regular breaks to keep your ears fresh and healthy.



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