

Model 230 Master Voice Channel Quick Set-Up Guide

Congratulations on choosing the Aphex 230 Master Voice Channel Processor. The included user manual offers detailed information on getting the most out of the Model 230's power and versatility. But since we know you're eager to plug it into your mix right now, here's a quick guide to setting it up.

1. Power up the unit.
2. Set all switches to the OUT position (unlit). Set RELEASE to 12 o'clock, GATE THRESHOLD and DEPTH fully counterclockwise, DE-ESSER fully clockwise, OUTPUT to 1 o'clock.
3. Connect the ANALOG OUTPUT to a true line input (*Note*: The "line inputs" on most mixing consoles are padded preamps; if you're connecting to a console, use the console's insert return on what ever channel you're using.)
4. If you're using a digital connection, connect the DIGITAL OUTPUT to an appropriate digital input. If you're using the 230's internal clock, set the receiving device to receive external clock. If you're using an external master clock, connect the master clock's output via BNC to the CLOCK INPUT of the Model 230.
5. Connect your microphone to MIC INPUT. Apply 48V phantom power if using a condenser mic
6. Switch METER to GR. Switch COMPR on.
7. With a "hot" signal into the mic, adjust the GAIN/DRIVE and the PAD Switch until the meter shows 10dB of gain reduction
8. Switch METER to PK. With the same input level, adjust OUTPUT so that the peak output is between -6 and -3dBfs.
9. Adjust GATE THRESHOLD so that the red LED goes off at the lowest expected input signal and goes back on when the input stops.
10. Adjust DEPTH to no more than 12 o'clock (approximately 6dB)
11. Adjust DE-ESSER threshold so that the amber light illuminates on sibilants only (e.g.- sail the sea)
12. Set all controls for BB/EQ/AX at 12 o'clock. Engage BB/EQ/AX switch. Adjust so that the voice is enhanced, but not changed in character.

Note: Once you've achieved the desired settings on the Model 230 with a particular microphone, these settings should work well with that mic regardless of the individual voice. The settings should not need to be changed unless you've made some major changes to the input source (e.g., special effects, etc.)