

API 1608 Signal Flow Enhanced Block Diagram

This vertical strip contains various control elements from the API 1608 console, including:

- A VU meter for BUS 1.
- EQ knobs for HF (550A), MF, and LF.
- A FLTR (Filter) knob.
- A 548 channel fader.
- PGM (Program) buttons for various sources.
- Channel meters for channels 1 through 8.
- A SOLO button and a fader for the solo function.
- A VU Meter for ECHO RTNs.
- Channel meters for LEFT and RIGHT channels.

The Preamp section includes:

- 1608 Line Input and 1608 Mic Input.
- Phase (ø) and PAD controls.
- A PREAMP module with GAIN, MIC, and PAD knobs.
- MicLine Switch (MIC) and Preamp Out.
- Peak Indicator and Pre-Fader ECHO Send.
- A note: *****NOTE***** Pre-Fader ECHO send disconnected from ECHO Bus in 204 configuration. Pre-Fader sends sources from DAW.

This section contains:

- SOLO MASTER with CLEAR, SOLO, and LEVEL controls.
- Channel Fader and a 50 Hz HPF (FLTR).
- Mute and Channel Pan controls.
- PGM Assign (L/R Bus).

This section includes:

- Post Fader ECHO Sends 1-8.
- Echo Send Master and Echo Send External Input EXT IN.
- TO BUS Send 7/8 to Bus 1/2.

This section contains:

- A VU Meter and ECHO SEND controls.
- ECHO SEND Output and ECHO RETURN (500 Series In).

This section includes:

- ECHO RETURN (500 Series Output).
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section contains:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section includes:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section contains:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section includes:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section contains:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

This section includes:

- ECHO RETURN (500 Series) with 8 channels.
- AUX IN / ECHO RTN Select and ECHO RTN MIX.

