1. Power down interconnecting equipment and make connections to the 676 (see reverse side for connection diagrams).

2. Turn down the **GAIN** and **POST TUBE ATTENUATION** controls, connect the included IEC power cable, then switch on the front-panel power switch. Now power on all interconnected equipment.

3. Disable the EQ and Compressor/Limiter by disengaging the **EQ ENABLE** and **COMP/LIM ENABLE** buttons.

4. If connecting a bass or guitar to the **INSTRUMENT INPUT** jack on the front panel, engage the **INSTRUMENT INPUT ENABLE** button. If connecting to the **MIC INPUT** jack on the rear panel, disengage the **INSTRUMENT INPUT ENABLE** button.

5. Engage the **+48V** button only if a condenser microphone which requires it is connected to the 676. If connecting a ribbon or dynamic microphone, ensure the **+48V** button is disengaged before connecting the microphone.

6. With source signal present, raise the **GAIN** control until the input **PEAK LED** lights then lower it slightly so the LED goes out. If the **PEAK LED** lights when the **GAIN** control is set very low, engage the **20dB PAD** button then try again.

7. Raise the **POST TUBE ATTENUATION** control for the desired output level, making sure not to clip the input on the next device. For cleaner tones, lower the **GAIN** control and raise the **POST TUBE ATTENUATION** control. For warmer tones, raise the **GAIN** control and lower the **POST TUBE ATTENUATION** control.

8. Engage the **POLARITY INVERT** button if required for the application. Engage the **80Hz** button if the source signal does not contain useful content below 80 Hz.

9. To use the EQ, engage the **EQ ENABLE** button then adjust the EQ controls to taste. If no EQ is required, leave the **EQ ENABLE** button disengaged.

10. To use compression and/or limiting, ensure you’re connected to the **COMPRESSOR / LIMITER** output then enable the compressor/limiter with the **COMP/LIM ENABLE** button and adjust the compressor/limiter settings to taste.

Enjoy! Thanks for choosing dbx.
Connection Diagrams

Connect a favorite signal processor to the PREAMP INSERT jack. Use the PREAMP output in combination with the COMPRESSOR/LIMITER output for parallel compression applications or to provide an uncompressed backup signal.

MIC/STAGE DI APPLICATION

- Disable Instrument Input
- Enable +48V for condenser mic or stage DI, disable for dynamic or ribbon mic
- Insert Cable
- Mic or Stage DI Box
- Ch. 1 In
- Ch. 2 In
- Optional Audio Interface or Tape Recorder or Live Sound Mixer
- Signal Processor

DIRECT INSTRUMENT APPLICATION

- Enable Instrument Input
- Electric Guitar or Bass
- Insert Cable
- Ch. 1 In
- Ch. 2 In
- Optional Audio Interface or Tape Recorder or Bass Amp/Cab
- Signal Processor

Example Settings

Use the below settings as a starting point. For further information on setting the controls, please see the 676 owner’s manual available online at dbxpro.com.

VOCALS

- If required, enable and set to taste.
- Adjust for 2-5 dB of compression on G.R. meter.

DIRECT BASS

- If required, enable and set to taste.
- Adjust for 2-5 dB of compression on G.R. meter.

ACOUSTIC GUITAR

- If required, enable and set to taste.
- Adjust for 2-5 dB of compression on G.R. meter.