

XENYX Q1202USB/Q1002USB/Q802USB/Q502USB Hook-up

EN Step 1: Hook-Up

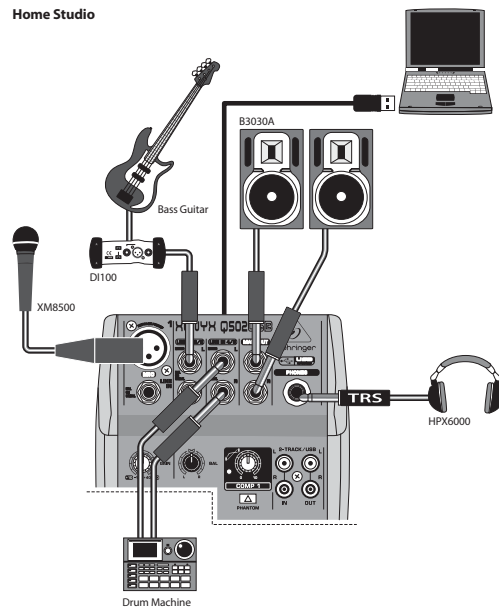
ES Paso 1: Conexión

FR Etape 1 : Connexions

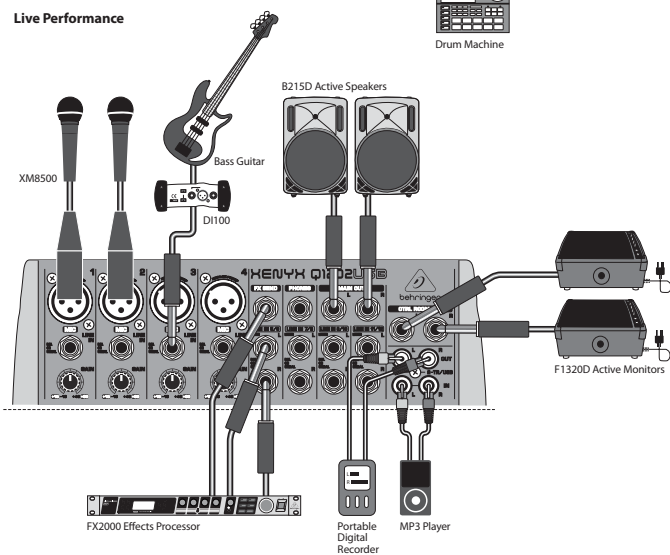
DE Schritt 1: Verkabelung

PT Passo 1: Conexões

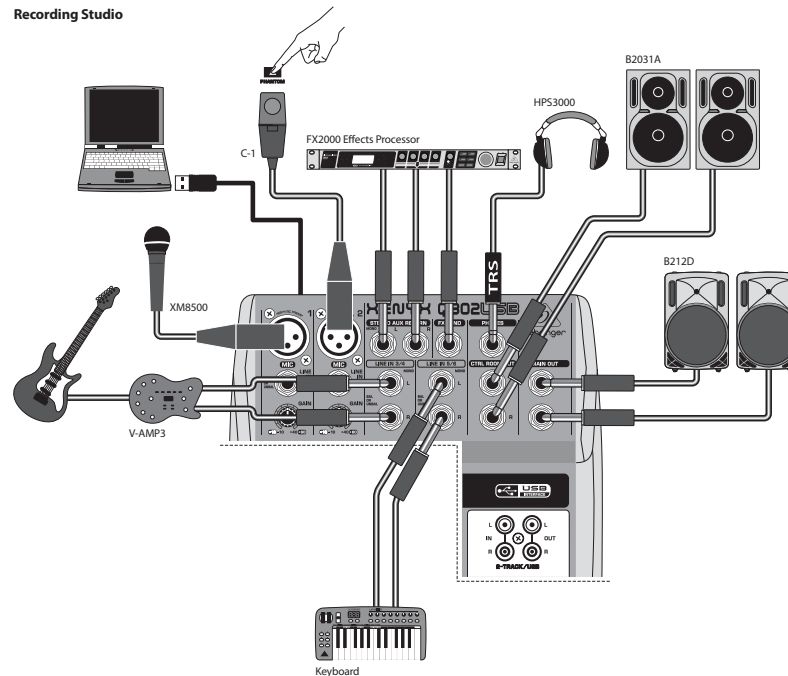
Home Studio



Live Performance



Recording Studio



EN

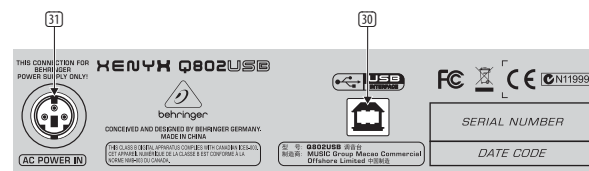
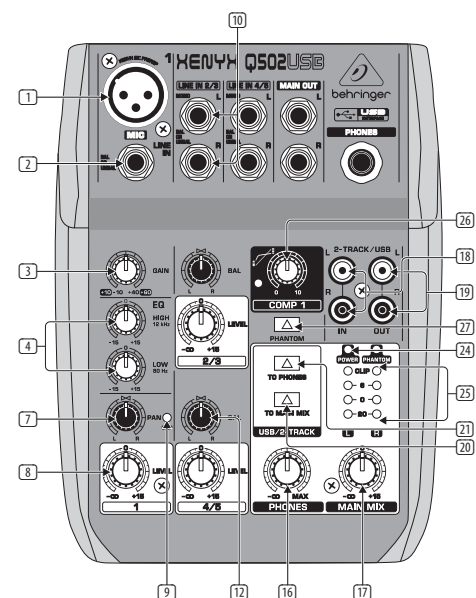
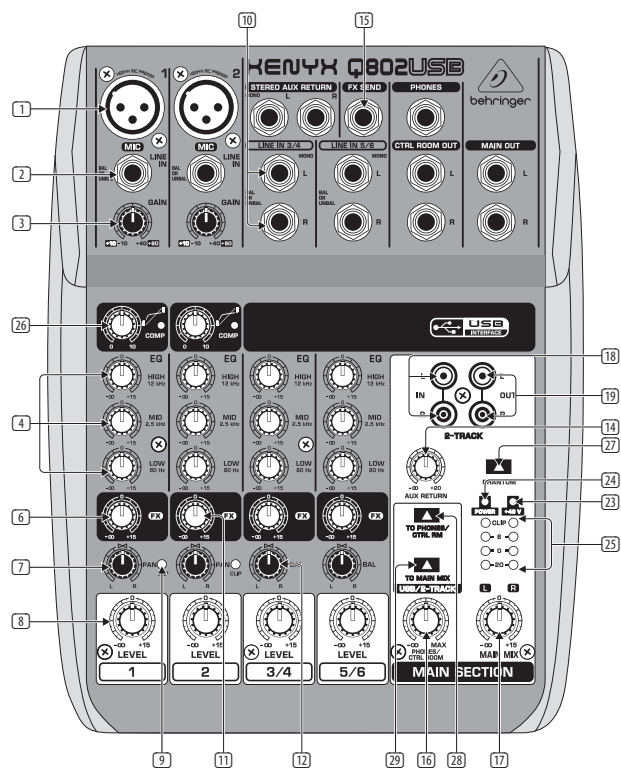
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XENYX Q1202USB/Q1002USB/Q802USB/Q502USB Contro ls



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XENYX Q1202USB/Q1002USB/Q802USB/Q502USB Controls

EN Step 2: Controls

This chapter describes the various control elements of your mixing console. All controls, switches and connectors will be discussed in detail.

- 1 MIC – Each mono input channel offers a balanced microphone input via the XLR connector and also features switchable +48/+15 V phantom power supply for condenser microphones. The XENYX preamps provide undistorted and noise-free gain as is typically known only from costly outboard preamps.
- 2 LINE IN – Each mono input also features a balanced line input on a 1/4" connector. Unbalanced devices (mono jacks) can also be connected to these inputs. Please remember that you can only use either the microphone or the line input of a channel at any one time. You can never use both simultaneously!
- 3 GAIN – Use the GAIN control to adjust the input gain. This control should always be turned fully counterclockwise whenever you connect or disconnect a signal source to one of the inputs.
- 4 EQUALIZER – All mono input channels include a 3-band equalizer, except for the Q502USB, which is equipped with a 2-band EQ. All bands provide boost or cut of up to 15 dB. In the central position, the equalizer is inactive.
- 5 LOW CUT – In addition, the mono channels (Q1002USB and Q1202USB) are equipped with a steep LOW CUT filter (slope at 18 dB/oct., -3 dB at 75 Hz) designed to eliminate unwanted low-frequency signal components.
- 6 FX (Q802USB/Q1002USB/Q1202USB only) – FX sends (or AUX sends) enable you to feed signals via a variable control from one or more channels and sum these signals to a bus. The bus appears at the console's FX send output and can be fed from there to an external effects device. The return from the effects unit is then brought back into the console on the aux return connectors (Q802USB) or normal channel inputs. Each FX send is mono and features up to +15 dB gain.
- 7 PAN – The PAN control determines the position of the channel signal within the stereo image. This control features a constant-power characteristic, which means the signal is always maintained at a constant level, irrespective of position in the stereo panorama.
- 8 LEVEL – The LEVEL control determines the level of the channel signal in the main mix.

- 9 CLIP – The CLIP LED's of the mono channels illuminate when the input signal is driven too high, which could cause distortion. If this happens, use the GAIN control to reduce the preamp level until the LED does not light anymore.
- 10 LINE IN – Each stereo channel has two balanced line level inputs on 1/4" jacks for left and right channels. If only the jack marked "L" (left) is used, the channel operates in mono. The stereo channels are designed to handle typical line level signals. Both inputs will also accept unbalanced jacks.
- 11 FX – The FX sends of the stereo channels function similar to those of the mono channels. However, since the FX send buses are both mono, a mono sum is first taken from the stereo input before it is sent to the FX bus. The Q502USB is not equipped with FX sends.
- 12 BAL – The BAL(ANCE) control determines the levels of left and right input signals relative to each other before both signals are then routed to the main stereo mix bus. If a channel is operated in mono via the left line input, this control has the same function as the PAN control used in the mono channels.
- 13 +4/-10 – The stereo inputs of the XENYX Q1002USB and Q1202USB have an input sensitivity switch which selects between +4 dBu and -10 dBV. At -10 dBV (home-recording level), the input is more sensitive (requires less level to drive it) than at +4 dBu (studio level).
- 14 STEREO AUX RETURN – Q802USB only: the STEREO AUX RETURN connectors are used to bring the output of the external effects device (whose input is derived from the aux sends) back into the console. You can instead use these connectors as additional inputs, but any effects device will then have to be brought back into the console via a normal stereo channel. This does, however, give you the ability to use the channel EQ on the effects return signal if you wish. If only the left connector is used, the AUX RETURN automatically operates in mono. Use the AUX RETURN control to determine how much of the effects signal is sent to the main mix.
- 15 FX SEND – The FX SEND output (does not apply for Q502USB) should be connected to the input of an external effects unit. The post-fader FX signal you created using the input channel FX controls is sent to the effects unit via the FX SEND output. Use the FX SEND control of the main section to adjust the overall send level (Q1002USB and Q1202USB only).

- 16 PHONES/CTRL ROOM – The stereo PHONES jack (at the top of the connector panel) is where you connect headphones. The unbalanced CTRL ROOM OUT jacks carry the summed effects and main mix signals, as well as soloed channel signals. The PHONES/CTRL ROOM control adjusts the level of both headphones and main monitor outputs. The Q502USB is not equipped with control room outputs.
- 17 MAIN MIX – The MAIN OUT connectors are unbalanced mono jacks. The main mix signal appears here at a level of 0 dBu. The MAIN MIX fader adjusts the volume of these outputs. The XENYX Q802USB and Q502USB mixing consoles feature a rotary control for this purpose.
- 18 2-TRACK INPUT – The 2-TRACK INPUTS are used to bring an external signal source (e.g. CD player, tape deck, etc.) into the console. They can also be used as a standard stereo line input, so the output of a second XENYX or BEHRINGER ULTRALINK PRO MX882 can be connected.
- 19 2-TRACK OUTPUT – These connectors are wired in parallel with the MAIN OUT and carry the main mix signal (unbalanced). Connect the 2-TRACK OUTPUT to the inputs of your recording device. The output level is adjusted via the high-precision MAIN MIX fader or rotary control (Q802USB/Q502USB).
- 20 USB/2-TR to MAIN – When pressed, this button sends the audio from the USB and 2-TRACK inputs to the main mix (Q502USB only).
- 21 USB/2-TR to PHONES – When pressed, this button sends the audio from the USB and 2-TRACK inputs to the PHONES jack (Q502USB only).
- 22 FX TO CTRL ROOM – If you want to monitor only the FX send signal in your headphones or monitor speaker(s), press the FX TO CTRL switch. This mutes the main mix signal while routing the FX SEND output to the monitor(s). The XENYX Q802USB and Q502USB do not feature this switch.
- 23 +48 V – The red +48 V LED lights up when phantom power is on. The PHANTOM switch activates the phantom power supply on the XLR connectors of all mono channels.
- 24 POWER – The POWER LED indicates that the console is powered on.
- 25 LEVEL INDICATOR – The high-precision 4-segment display accurately displays the relevant signal level.
- 26 COMP – This knob adjusts the amount of compression effect on the channel.
- 27 PHANTOM – Press this knob to send +48 V of phantom power to the XLR inputs for use with condenser microphones. The Q502USB supplies +15 V of phantom power.
- 28 USB/2-TR to PHONES/CTRL RM – button routes USB/2-Track playback to PHONES/CTRL ROOM.
- 29 USB/2-TR to MAIN MIX – button routes USB/2-Track playback to MAIN MIX and mutes the 2-TR OUT/USB recording signal.
- 30 USB CONNECTOR – Connect your mixer to a computer using a standard USB cable.
- 31 AC POWER IN – Connect the included power cable here.



The mixer cannot be bus-powered via USB. Always use the included power adapter to supply power to the mixer.