DEQX®

PreMATE Plus ™

preamp
processor

Linear phase Speaker & Room Calibration

Subwoofer Calibration & Integration

Network Audio Connectivity

DEQX PreMATE Plus™ preamp processor

Getting more from any high-end audio system

The DEQX PreMATE Plus™ preamp processor is the ideal centerpiece of any modern high-end audio system. In addition to DEQX's renowned speaker calibration and linear phase crossover technology, the PreMate+'s extensive feature list includes transparent analog and digital inputs, network streaming (Roon and DLNA), balanced and single-ended connections, and measurement-based subwoofer integration. The PreMATE Plus can even be used as the master controller for other DEQX units in multichannel and home theater applications. A DEQX Calibration Kit and initial remote DEQXpert™ system setup and calibration session is included.

Analog inputs	RCA and XLR (balanced) inputs, selectable by remote or touchscreen.	Touchscreen display	Controls volume, input selection, and profile selection. For listening, simulated VU meters offer three scales.
Digital inputs	Full suite of inputs: TOSLINK optical, SPDIF x 2 (RCA and BNC), balanced AES/EBU, and asynchronous USB.	Analog outputs	RCA and XLR (balanced) outputs for main speakers and subwoofers. Subwoofers can be configured in mono or stereo mode.
Ethernet connection	For use of the DEQX as a Roon Ready player. Also compatible with DLNA (for JRiver Media Center, etc).	Digital outputs	Digital version of the main speakers output, for optional connection to external DACs of your choosing.
Full-featured remote	Full control over input selection, profile selection, mute, standby; also provides access to the 3-band Preference EQ (forensic tone control), allowing 100 presets to be stored and recalled.	USB control	For configuration and control via DEQX-Cal™.

Unrivalleled connectivity

In addition to two sets of transparent analog inputs (single-ended and balanced, switchable with the touchscreen or the remote control) and outputs for the speakers and subwoofer(s), a full suite of digital inputs and the ethernet port for networked audio graces the rear panel.

Auxiliary connections for computer control, trigger outputs, and the calibrated measurement microphone complete the picture.
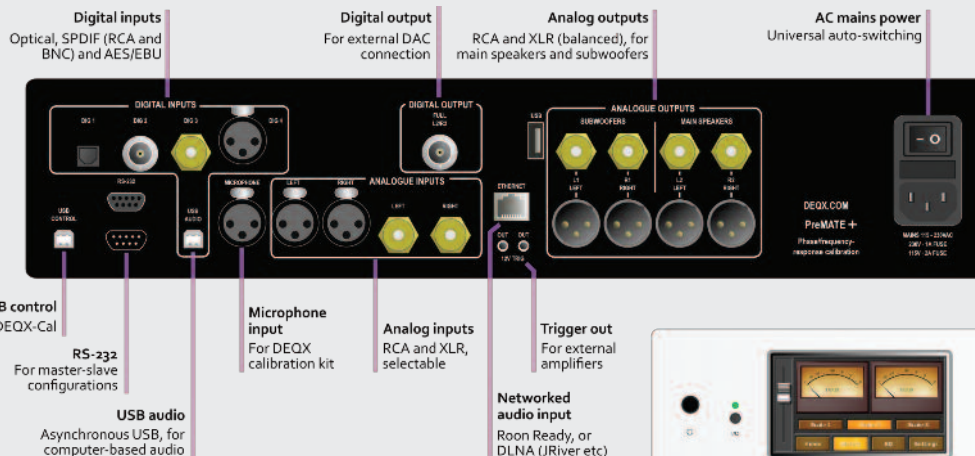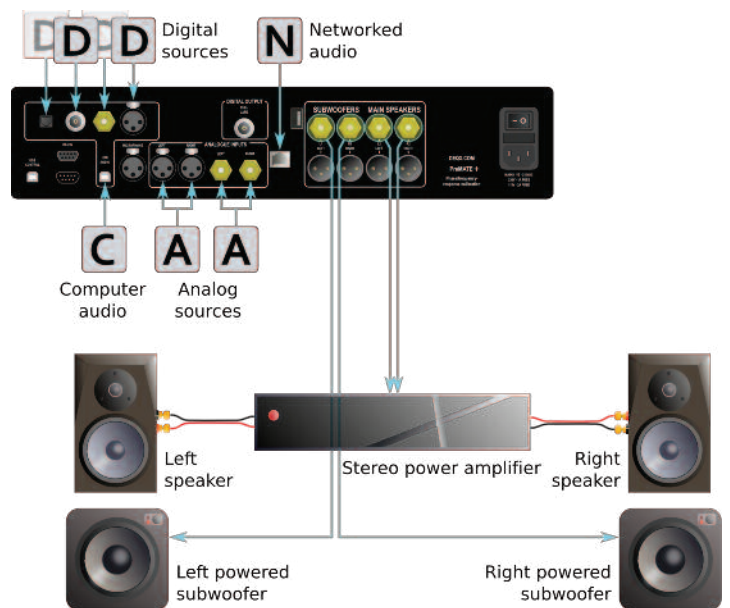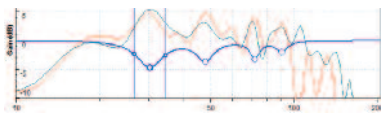
Configuring for stereo speakers...

Setting up a PreMATE PLUS with stereo speakers is simplicity itself: connect your power amplifier to the two main speakers outputs of the PreMATE PLUS, using the RCA or XLR (balanced) outputs to match your power amp.

Next, measure and calibrate the speakers before connecting sources to the analog or digital inputs. The PreMATE PLUS acts as a full-function preamplifier, network streamer, and correction processor for your speaker and room.

And, optionally, integrating subwoofers

Connect mono or stereo subwoofers to the subwoofer outputs of the PreMATE PLUS using the RCA or XLR (balanced) output. Next, calibrate the subwoofer(s), then measure and set the correct timing between the speakers and subwoofers (see our User Manual). DEQX's precise roommeasurement and Room EQ capabilities counter low-frequency room modes and resonances.