

# QUESTED SBC800 - Tech Spec

## Connections

**LCR & LFE:**  
 Connectors: 4 XLR and 1/4" Combi sockets  
 Impedance: 10K Ohms electronically balanced  
 Connections: Pin 1 (Sleeve) ground, Pin 2 (Tip) hot, Pin 3 (Ring) cold

**LCR Output:**  
 Connectors: 3 XLR sockets  
 Impedance: <100 Ohms electronically balanced  
 Connections: Pin 1 (Sleeve) ground, Pin 2 (Tip) hot, Pin 3 (Ring) cold

**Power Amplifier:**  
 Outputs: 2 pairs of +/- binding posts/4mm banana sockets  
 System Bypass Link: 3.5mm socket on rear panel allows linking of bypass facility on multiple units and remote switching

**Power Input:** Fused IEC connector, with in-built spare fuse

## Fixed Internal Filters

**Sub-Sonic/High Pass Ultrasonic:** -3dB at 7Hz, 24dB/Oct  
 -3dB at 100kHz

## Front Panel Controls

**LCR:**  
 Phase: 0 - 180 degrees  
 Frequency: Adjustable crossover frequency 30 - 90 Hz  
 Bypass - Sub Off: Switches LCR inputs directly to LCR outputs, bypassing the Sub amplifier section (Sub switched off)

**Mix Level:** -16 to +6 dB relative to LCR input

**LFE Channel:**  
 Gain: -16 to +6 dB relative to LCR input  
 +10dB Boost: Switched 10dB boost for LFE input  
 Frequency: Low pass filtering, adjustable from 50 - 150 Hz  
 Phase: 0 - 180 degrees  
 Bypass: Switched bypass for LFE section

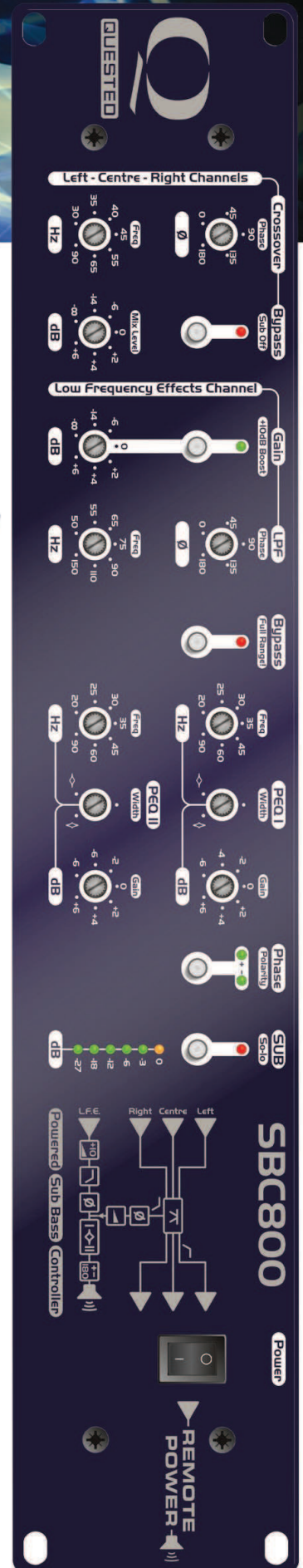
**Parametric Equalizer Section:**  
 PEQ 1 & 2: Frequency: 20 - 90 Hz  
 Width: Q 0.5/3.0  
 Gain: -6 to +6 dB

**Phase/Polarity:** 180 degree phase reversal  
**Sub Solo:** Mutes all outputs except subwoofer(s)

## Amplifier

**Mono Output:** 800W/4 ohms, 400W/8 ohms  
**Hum/Noise:** <-105dB referred to clip level  
**THD:** <0.03% at levels up to 1dB below clip

**Power requirements:** Voltage set by internal jumpers, 115V or 230V AC @ 50-60Hz  
**Operation:** 230V: Min 160V, Max 255V - 115V: Min 80V, Max 127V  
 Consumption: 45W quiescent current

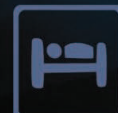


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SLEEP



MIX