



## SPL QURE

The Qure is a 2-channel, parametric, 3-band EQ, ideally suited for demanding tonal shaping of individual instruments, voices and complex musical signals. Mastering applications benefit from the unique tonal potential and the sophisticated filtering design that perfectly complements the fine details of the sound being processed.

The highly sophisticated circuitry of the Qure forms the basis for its outstanding tonal qualities: each filter is serially connected on separate boards with individual op-amps, resulting in excellent noise and distortion values, with a hard bypass available for each individual filter.

Another feature is the proportional-Q function of the filters. In contrast to traditional constant-Q designs, proportional-Q technology provides clear advantages in tonal shaping: processing of a wide frequency spectrum can be achieved with greater sensitivity than on a narrow frequency section – a hearing-correct and musical response that permits subtle control. This also eliminates the need for later adjustment of the Boost/Cut settings.

The output signal from the filters passes through a tube stage (ECC 83 tubes), which is in large part responsible for the pleasantly warm tonal characteristic of the unit thanks to a sophisticated power supply precisely matched to the tube characteristics.

The newly developed QURE circuit can be activated in the tube stage: this coil/filter network responds dynamically to the behavior of the filters and fills out the harmonic structures of the signal. With the QURE controller you can create a fresh, brilliant and silky tonal atmosphere in the Mid- to Hi-range. Processed instruments and voices are located in the mix in front of all other signals without having to create “space” for them.

## Overview

- Variable input: -12 to +18 dB
- Variable output: -7 to +4 dB
- Boost/Cut: 15 dB; MF +15/-30dB
- Bandwidth (Q): 0.5 to 5
- LF Cut: 40-200 Hz
- HF Cut: 20 kHz-2.5 kHz
- Each filter band has hard bypass
- Master relay hard bypass
- Detented potentiometers for precise recall
- Optional: Lundahl transformers

## Specifications

### Inputs and outputs

Instrumentation amplifier, electronically balanced (differential), transformerless

Nominal input level	+6 dB
Input impedance	= 22 kOhm
Output impedance	< 600 Ohm
Max. input level	+14 dBu
Max. output level	+20 dBu
Minimum load	600 Ohm
Relay hard bypass / power fail safety	

### Measured data

Frequency response (100kHz = -3dB)	10 Hz-100 kHz
EQ frequency response	15 Hz-21 kHz
Common mode rejection	> 80 dBu @ 1 kHz
Total harmonic distortion	0.01855% @ 1 kHz
Signal-to-noise ratio (CCIR 468)	-85 dBu
Signal-to-noise ratio (A-weighted)	-99 dBu

### Power supply

Toroidal transformer	35 VA
Fuses (230/115 V)	500 mA (230 V/50 Hz) 1000 mA (115 V / 60 Hz)
Voltage selection switch 115 V / 230 V, GND lift switch	

### Dimensions

Standard EIA 19"/2U	482 x 88 x 237 mm
Weight	4.9 kg

Note: 0 dBu = 0.775 V

### Fritz Frey, Studio Magazin (D)

“In my mind the Qure is one of the top devices among outboard equalizers, and I liked it a great deal. Firm lows, warm mids, airy highs, it’s just plain fun to work with this unit and exploit all its musical qualities.”

### Ronald Prent, Galaxy Studios (B)

“When you turn a knob on the Qure, you don’t get the feeling for example that you’re changing a guitar so that it suddenly sounds like a synthesizer. If you want, you can bring out the positive aspects of a sound and eliminate undesired components without masking the character of the instrument. When you’ve done processing, you don’t have the feeling so much that you smoothed something, but rather that you simply brought out the desirable characteristics of the sound that were already inherent in it.”



320 WETS



CAUTION  
RISQUE DE CHOC ELECTRIQUE - NE PAS TOUCHER



SPL ELECTRONICS GMBH  
D-41372 NIEDERKROCHTEN  
MADE IN GERMANY



VOLTAGE  
SELECTOR  
230-240V/50Hz  
100-120V/60Hz



320 WETTING  
Pin 1 = GND  
Pin 2 = (+)  
Pin 3 = (-)

