

double bass

STAT-B electrostatic transducer

Application

- Ideal for rock, fusion and jazz players where high amplifier levels must not present a handicap.

Features

- High feedback resistance
- Impressive "bridge sound"
- NO piezo harshness or distortion

FREQUENCY RESPONSE 20 to 20'000Hz +/- 6dB

MAX. OUTPUT ca. +6 dB

OUTPUT IMPEDANCE 100Ω

TEMPERATURE RANGE -20°C to +50°C

BATTERY 9V Alkaline

Special sets:

STAT-B-SET

Transducer + preamplifier STAT-PRE (with volume) + cable

STAT-B-SELECT

Transducer + preamplifier PRE-A II (with gain, resonance, treble, bass and volume) + cable

The double bass – from orchestra to jazz combos, from bluegrass to rock, Schertler offers two solutions: STAT-B and DYN-B



“ This transducer reproduces the sound of my bass, strings and fingers, nothing else. ”

DYN-B electrodynamic transducer

Application

- Ideal for orchestra and pro-audio/broadcast solutions
- Easily moved from instrument to instrument

Features

- Neutral tone
- Accurate sound reproduction
- NO piezo harshness or distortion

MECHANICAL DECOUPLING Butterworth 2nd order, Q=0,6

NOMINAL IMPEDANCE 1500Ω/1000Hz

FREQUENCY RESPONSE 20 to 18kHz +/- 3dBu

DYNAMIC RANGE 139dB, 145dB typical

EQUIVALENT OUTPUT NOISE 16dB/0dB=0,002dyn./cm°

SENSITIVITY 20mV/g

SENSITIVITY (ON INSTRUMENT) ca. -30dBu

TEMPERATURE RANGE -20°C to +70°C

CONTACTS all hard gold 0,5um plated

CONNECTION XLR, balanced

CABLE LENGTH 0.24m (10 in)

0dBu <=> 0,775V



STAT-B



STAT-B-SET



DYN-B-SET

double bass

STAT-B

Stephan Schertler's classic transducer and first product, the STAT-B established his reputation for innovation. First introduced in 1986, today thousands of double bassists throughout the world depend on the STAT-B.

The patented Schertler STAT-B electrostatic bridge pickup stands out for its high feedback resistance and for delivering an impressive bridge tone without the harshness or distortion of piezo pickups.

A very simple system that delivers the complex tone of the double bass, STAT-B works with any bass amplifier but provides the best reproduction through a full-range system such as the Schertler PUB 2/280 and 1/380 active loudspeaker system with bass extension (see Pages 33-34). The standard STAT-B Set includes pickup, cable and the battery-powered STAT-PRE preamplifier with volume control. The STAT-B Select includes the sophisticated PRE-A-II preamplifier with its regulated AC power supply. The PRE-A-II powers the STAT-B and includes controls for gain, bass, treble, resonance and volume. (see Page 30).

DYN-B

Perfect amplification of the acoustic double bass has been a long-time dream for most jazz bassists. The DYN-B, in combination with our PRE-A-II and PUB series is simply the most natural double bass transducer in the world, one step closer to that dream.

The application and use of the Schertler DYN-B transducer is extremely simple and safe. Special inert adhesive putty is provided to mount the pickup to the instrument body. The best location for your sound is quickly found through our indications or through experimentation with placement.

The balanced, low impedance output reduces the risk of hum and radio frequency (RF) interference, even with long cable runs. The XLR connector allows direct connection to mixing desks or preamplifier inputs. For additional control of level and tone, the Schertler PRE-A-II preamplifier is perfectly matched to the DYN-Series. (Please see Page 30).

As with the STAT-B, a full-range amplifier such as the PUB 2/280 and 1/380 active loudspeaker systems will deliver the best reproduction. (see Pages 33-34).

