

cello

STAT-C 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 +/- 6dBu

MAX. OUTPUT ca. +6 dB

OUTPUT IMPEDANCE 100Ω

TEMPERATURE RANGE -20°C to +50°C

BATTERY 9V Alkaline

Special sets:

STAT-C-SET

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

STAT-C-SELECT

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

The cello – from quartets to orchestras with occasional forays into rock, Schertler offers two solutions: STAT-C and DYN-C.



Deep Purple & London Symphonic Orchestra used SCHERTLER®'s transducer (Sept. 99)

DYN-C 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 40 to 18kHz +/- 3dBu

DYNAMIC RANGE 139dB, 145dB typical

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

SENSITIVITY 20mV/g

SENSITIVITY (ON INSTRUMENT) ca. -28dBu

TEMPERATURE RANGE -20°C to +70°C

CONTACTS all hard gold 0,5um plated

CONNECTION XLR, balanced

CABLE LENGTH 1 m / (40 in)

0dBu <=> 0,775V



STAT-C



STAT-PRE, included in the STAT-C-SET



DYN-C

cello

STAT-C

The patented Schertler STAT-C 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. STAT-C delivers wonderful, rich lows and smooth, clear trebles, and works perfectly with signal processors and effects thanks to its strong, solid signal.

The STAT-C is the choice for the cellist in a modern and loud musical environment. The standard STAT-C Set includes pickup, cable and the battery-powered STAT-PRE preamplifier with volume control. The STAT-C Select includes the sophisticated PRE-A-II preamplifier with tone controls and a regulated power supply. (Please see Page 30).

Amplification may be managed by any amp or with a full-range amplifier system such as the Schertler PUB 2/280 and 1/380 active loudspeakers with bass extension (Please see Pages 33-34).

DYN-C

Before introduction of the DYN-C, amplification of the cello meant the challenge of an open microphone or the unpleasant “quack” of a piezo pickup. Today we proudly offer the DYN-C cello acoustic transducer from Schertler. For orchestral amplification in a moderately loud environment, this electrodynamic microphone is the sound engineer’s first choice. DYN-C is an accurate, natural-sounding transducer for the cellist seeking to amplify the true sound of the instrument.

The application and use of Schertler DYN Series transducers 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.

As with other Schertler electrostatic and electrodynamic transducers, DYN-C works best through a full-range amplification system such as the Schertler PUB 2/280 and 1/380 active loudspeakers with bass extension (Please see Pages 33-34).

For additional control of level and tone, the Schertler PRE-A-II preamp is perfectly matched to the DYN-Series. (Please see Page 30).



DYN-C