

SCULPTURED SOUND BY ECHOLETTE



Orchestra Combination EK 40

The orchestra combination EK 40, the "Portable Sound Studio" is composed of the tried and proven Echolette reverb unit NG 51/S and amplifier EM 40 including electronic mixer, both combined in a sturdy carrying case. This combination incorporates eight independent mixable inputs, including one for high level instruments such as organs or mixer units and a standard socket for tape recorders. A magic eye indicates undistorted driving. Volume and tone of each mike input can be controlled separately and reverberated. The EM 40 inputs can be used with or without echo. With the NG 51/S, it is possible to obtain an unlimited number of echoes, multi-echoes and reverberation tones by means of the infinitely variable control of all functions and, thus, will satisfy any request. The sturdy construction of this unit, its simple operation and the conservatively rated components guarantee absolute reliability. Besides volume the timbre of sound can be controlled in treble and bass from the

lowest to the highest extreme. Socket for echo remote control, output 40 watts at 6 or 15 ohms.

P. A. Speaker Cabinets

Several specialised loudspeaker combinations are available according to requirements. A network of exponential horns, tweeters and woofers delivers full power in the complete audio-frequency range, whereby perfect sound balance is obtained all over the area. The performance of these units is raised particularly by the enormous efficiency of the horns. The new plug-in system, which enables several cabinets to be combined, is a welcome aid to the musician. The cabinets are connected according to a plug-in scheme, and only one speaker lead is necessary to connect each unit to the amp. No impedance problems and coupling parts.

LE 2/N. A three-way circuit with two tweeters, a horn and a 12" woofer with a crossover network. Especially for use on walls. Adaption to 6 ohm outputs.

Dimensions: 23,6 x 17,7 x 7,9 inch

LE 4. A more powerful version of LE 2/N, a combination to meet highest standards. Same circuit as in LE 2/N, with one additional 12" woofer. Adaption to 15 ohms.

Dimensions: 13,8 x 18,5 x 9,1 inch

LE 5. A column speaker with 80 watts power handling capacity, suitable for very large premises; designed according to the reflex system, incorporates eight top quality speakers and a three-way crossover network. Adaption to 15 ohms.

Dimensions: 49,4 x 17,1 x 12,1 inch

LE 1. Ideal as an additional or control loudspeaker. An extremely well-balanced speaker unit. Three mid-range speakers. Impedance 15 ohms.

Dimensions: 13,8 x 31,5 x 6,7 inch

Illustrations: from the left LE 4, LE 2/N, in the middle Echolette NG 51/S with Hifi-Mixer EM 40 combined as orchestra-installation EK 40, following LE 5 and LE 1. The combination box is, if required, available with legs to be screwed on (KK-B).



FOR THE GUITARIST

Guitar Amplifier "Showstar" S 40.

The new "Showstar" is rapidly becoming a favorite with guitarists throughout the world. It produces superb, distortion-free amplification. A high-power output for the ultimate in electric guitar amplification. Highest sound qualities and precise construction with printed circuits are its fundamental assets. Front panel controls include: Normal channel, two instrument inputs, separate volume, treble and bass, vibrator channel, two instrument inputs, separate volume, treble and bass, vibrator switch plus intensity and speed controls, presence control, stand-by, on/off-switch.

Features: Solid state preamplifiers, printed circuit, newly developed Echolette-vibrator, output 5 and 20 ohms, socket for foot-operated vibrator on/off control, mounting devices for attaching Echolette speaker cabinets. Two versions are available, one with luminous, the other with unlit panel. Dimensions: 19,3 x 6,5 x 10,6 inch. In order to meet every musician's requirements, our program includes a special

cabinet for each requirement. It is important for the musician to choose the most suitable one. To obtain just the right sound characteristic, capacity or power, he has to choose carefully among cabinets developed for bass, lead or rhythm guitar, or even organ. The Echolette building — block system shows these different possibilities.

Guitar cabinets

ET 2. Specially designed for rhythm guitar or organ. Fitted with a 12" coaxial loudspeaker, a combination of two voice coils, a 4" tweeter and a 12" woofer. This unit is designed with complementary characteristics resulting in a smooth frequency response with wide sound distribution. Output 35 watts undistorted, impedance 6 ohms.

Dimensions: 29,9 x 20,1 x 11,4 inch

ET 40. A guitar and bass cabinet with a power capacity of 50 watts. The efficiency of this enclosure is further increased by a special

reflex system. Fitted with a 15" massively constructed loudspeaker with a frequency response of 45 cycles. Impedance 6 ohms.

Dimensions: 35,8 x 23,6 x 11,4 inch

ET 4. As a guitar cabinet, this model delivers full-bodied performance. Working on a concentric bass reflex system, the unit ensures absolute phase coincidence. The outstanding 15" extended-range speaker guarantees a maximum of clarity and brilliance, especially in the frequency-range of guitars. Music power 80 watts, impedance 16 ohms.

Dimensions: 35,4 x 23,6 x 11,4 inch

ET 200. This outstanding design incorporates two 15" heavy-duty speakers, ideal for bass, organ and guitar. This precision air-tight cabinet is unquestionably more than just a fine cabinet, it is a carefully engineered instrument, giving the professional the maximum of perfection. Musicpower 100 watts. Impedance 6 ohms.

Dimensions: 35,4 x 23,6 x 11,4 inch

Illustrations: on the left ET 200, background in the middle Showstar S 40 L combined with ET 4, background on the right ET 40, in front of it ET 2. Foreground Showstar S 40 N.



FOR THE E-BASSIST

Bass Amplifier BS 40.

This amp has been designed with a view to the characteristics of the instruments it is to be used with. A massive, rugged output transformer provides a powerful deep bass sound. Treble, middle, bass and presence controls enable infinite variation of sound characteristics. The amplifier is recommended for those players who desire the finest in electric bass and bass guitar amplification. It provides everything the top musician demands from a great amp. Features: four inputs, separate volume controls; treble, middle, bass and presence controls, standby-switch, on/off switch, printed circuit. Output 70 watts music power, impedance 5 and 20 ohms, mounting devices for loudspeaker cabinets.

B 25 and B 35. Two moderately priced all-round amplifiers, also for microphones. Both inputs can be controlled individually as to volume, treble and bass. Features: solid state preamplifier, printed circuit, output 25 and 35

watts, impedance 6 and 20 ohms. Dimensions: 18,1 x 10 x 7,3 inch

Bass cabinets

ET 1. Employing a 35 watt heavy-duty 12" woofer. This cabinet is specially designed for amplifiers B 25 and B 35. Impedance 6 ohms. Dimensions: 29,9 x 20,1 x 11,4 inch

ET 100. A further development of the ET 1. With two rugged 12" low frequency speakers working on a bass reflex to deliver that big bass sound. Musicpower 70 watts, impedance 6 ohms.

ET 5. This 200 cubic liter cabinet is built to take the hardest professional use. Fitted with an exceptionally robust 18" woofer, this model produces tremendous music power. The power-handling capacity is adapted to the output of our amplifiers, as far as it is in the undistorted range. All ET cabinets are equipped with lean-back legs for superb sound distribution.

Illustrations: from the left B 25 with ET 1, in the background ET 5, on the right BS 40 combined with ET 100, foreground B 35.

MICROPHONES



ED 12F

E2K

TOP 14

TOP 12

E1

ES 14

E 1000

E3

Microphones and Stands

All microphone inputs in Echolette's "Portable Sound Studio" have been designed for high and low impedance. Neither transformers or baluns are necessary for matching. All Echolette microphones work with an impedance of 200 ohms, and are connected asymmetrically. All Echolette microphones are also famous for their distortion-free response, even under adverse close-up conditions.

ES 14. Moving-coil microphone with top quality at low cost. For sound reproduction of wind and brass instruments, piano and background chorus. Owing to its cardioid characteristic, the system shows a very low feedback level. With on/off switch.

ED 12 F. An anti-feedback dynamic cardioid model. Echolette's bestseller for professional and group use, producing an excellent brilliance of tone. Incorporates a remote control for reverb and volume in combination with the echo unit NG 51/S. For use on stand or in hand, with a practical plug-in handle.

Top 12. A further development of the improved ED 12. Yet, it is smaller and lighter, owing to its plastic hinge. A hand or stand model, uni-directional with cardioid characteristics. With on/off switch.

Top. 14. An all-round mike, fine for Public Address, recording and general use. This model also comes with on/off switch for controlling the circuit.

E 1000. A star among microphones of exceptional quality. In contrast to our other mikes, the model E 1000 is a real double ribbon studio microphone. It is ideal for studio, and stage sound systems and recording applications. Cardioid pattern at all frequencies is the reason for elimination of feedback.

Stand E.1. A telescopic floor-stand, tripod version with standard thread, can be adjusted and clamped on at any height. Legs can be removed for transport. Positive frictional adjustment and heavy duty base provide the stability and rigidity vital to the performer.

Stand E 2/K. A boom-stand, an indispensable accessory. This invaluable stand swings the mike into position above the performer. Fitted with tripod heavy base, duplex adjustment and counter-balanced.

Stand E 3. Folding tripod floor-stand with adjustable height. A specially designed noise filter prevents the microphone from picking up vibration from the floor.



Echolette

8 München 45 · Ingolstädter Str. 77
Euro-Park · Telefon: 3132001-3

Illustrations of microphone stands: background from the left E 2 K, E 1, E 3. Illustrations of microphones: from the left ED 12 F, Top 14, Top 12, ES 14, E 1000.

bandechno.de

bandechno.de | Tim Frodermann