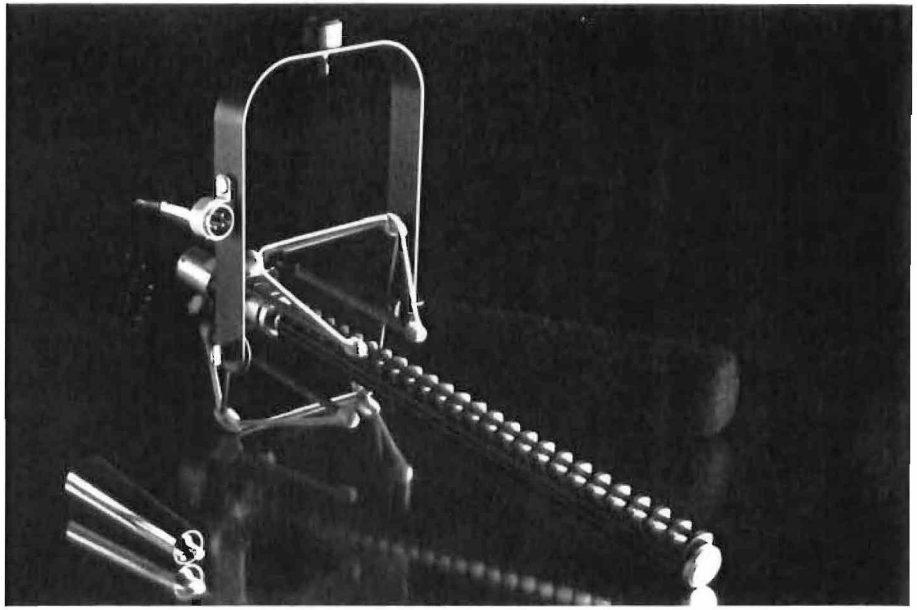
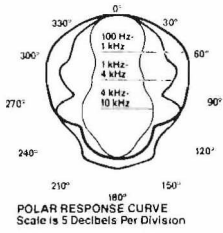
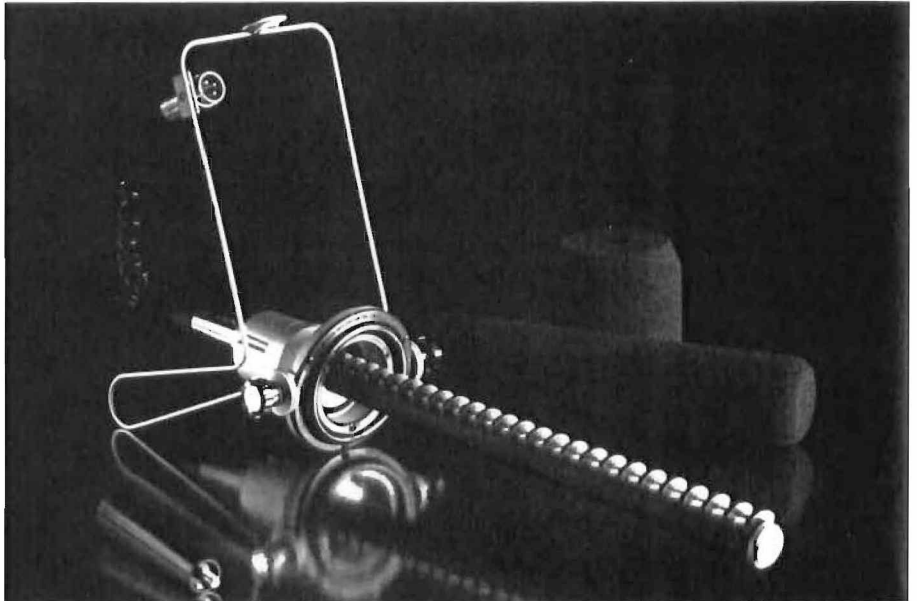
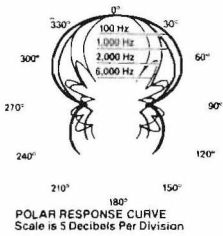


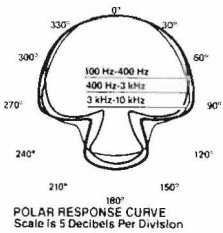
CL42S
Cardiline[®] Condenser
Unidirectional



DL42
Cardiline[®]
Dynamic Unidirectional

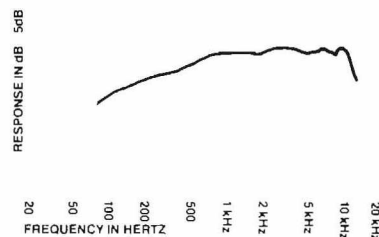


CH15S
Condenser Single-D Hyper-cardioid



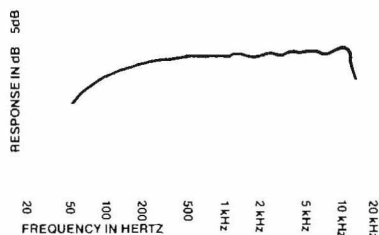
The most directional shotgun microphone for its size ever made, the CL42S for the first time combines the best qualities of line and hyper-cardioid patterns. The CL42S reaches farther and rejects more ambient noise than other "shotguns," condenser or dynamic. The CL42S features an exclusive line-bypass port which produces the low-frequency response ideal for boom use while maintaining a hyper-cardioid polar response at low frequencies. Unlike other shotguns which get very narrow at high frequencies, the CL42S retains its high-frequency directivity through a series of diffraction vanes on the line tube. Sibilance is maintained even if the "talent" gets a bit off-mike. The CL42S operates on phantom, A-B standard (Sennheiser), or A-B reverse (Nagra) power. Switching among systems is *automatic*. The high output level (-33 dB) of the CL42S is perfect for long-reach applications. And it comes complete with hanger bracketry and shock mount for boom operation and a screw-in handle for hand-held use. The CL42E element and the SE15A preamplifier in the CL42S system are interchangeable with other "System C" elements and the PE15 preamplifier.

Frequency Response: 90-12,000 Hz
Impedance: 150 ohms
Output: -45 dB
Element: Condenser (electret)
Maximum SPL for 1% THD: 129 dB at 1000 Hz, load \geq 1200 ohms
Equivalent Noise Level: Less than 14 dB SPL, A weighted
Power: A-B (10-16V); phantom (9-50V)
Case: Steel & aluminum
Finish: Fawn beige micomatte
Size:
 416mm (16.4") long;
 26.8mm (1.06") largest diameter
Weight: 578 grams (20.4 oz) complete;
 263 grams (9.3 oz) mike only
Cable: Special coiled cord from mic. to bail for mechanical isolation
Included: Windscreen, shock mount, screw-on handle, carrying case
Optional Accessories: Shown on pages 22 & 23



The DL42 is state-of-the-art in super-directional dynamics. "Cardiline" is E-V's patented combination of line and cardioid design. Compared to other "shotguns," the DL42 has more uniform response in the critical mid and high frequencies and much more uniform directivity. Diffraction vanes on the line tube reduce narrowing of the coverage angle at high frequencies, for significantly more constant sound quality under actual studio working conditions where some pickups are bound to be a bit "off mike." And when other shotguns "go omni" at low frequencies, E-V provides a tighter directional pattern for greater effective reach. The DL42 works at distances up to four times that of conventional omnidirectional microphones. Ideal for use on booms, fishpoles, or hand-held, the DL42 comes complete with boom shock mount and screw-in handle.

Frequency Response: 50-12,000 Hz
Impedance: 150 ohms
Output: -50 dB
Diaphragm: EV Acoustalloy®
Case: Aluminum & steel
Finish: Fawn beige micomatte
Size:
 425mm (16¾") long;
 95mm (3¾") max. diameter
Weight: 800 grams (1lb, 11oz) complete;
 369 grams (13 oz) mike only
Cable: Special coil cord to extend from mike connector (Switchcraft A3M) to shock mount bail for mechanical isolation
Included: Screw-on handle, windscreen, shock mount and carrying case
Optional Accessories: Shown on pages 22 & 23



The unique CH15S was developed particularly for boom and fishpole use in TV and motion picture studios where the need is great for light weight, small size and high directionality. The complete microphone and shock-mount system weighs just over 10 ounces. The CH15S maintains a uniform hyper-cardioid pattern throughout its entire operating frequency range, with two extreme nulls in excess of 35 dB - at 120° off axis. This creates a tighter frontal pickup pattern than conventional directional microphones, while at the same time providing an absolute minimum of coloration in off-axis sound.

Response is essentially flat over the rated frequency range except that preamp response below 200 Hz is carefully contoured to eliminate sub-sonic noise modulation problems that could occur with certain input circuitry as the microphone is "panned." The CH15S uses the same power as the CL42S. The CH15E element and SE15A preamplifier which make up the CH15S microphone are interchangeable with other E-V "System C" elements and the PE15 preamplifier. All are available separately.

Frequency Response: 55-13,500 Hz
Impedance: 150 ohms
Output: 40 dB
Element: Condenser (electret)
Maximum SPL for 1% THD: 136 dB at 1000 Hz, load \geq 1200 ohms
Equivalent Noise Level: Less than 16 dB SPL, A weighted
Power: A-B (10-16V); phantom (9-50V)
Case: Steel & aluminum
Finish: Fawn beige micomatte
Size:
 (with shock mount)
 99mm (3.9") long;
 89mm (3.5") wide;
 76mm (3") high
Weight: 292 grams (10.3 oz) complete;
 161 grams (5.7 oz) mike only
Included: Integral coiled cable, shock mount, windscreen, flex relief insert, metal carrying case
Optional Accessories: Shown on pages 22 & 23

