Houses of worship
Conference and lectern
Distance learning and security
Courtrooms

- Cardioid pollar pattern reduces background noise and provides an impressive gain before feedback
- PCC® technologie (phase coherent cardioid®) prevents phase interference due to table sound reflections
- Wide and smooth frequency response
- Exceptional performance and small size
- Three-position bass-tilt switch

PCC-130

The PCC®-130 is a surface-mounted small cardioid microphone of professional quality. This handsomely styled unit is appropriate for use on the most elegant boardroom table or lectern. Other applications include churches, courtrooms and teleconferencing.

With its small size, the PCC®-130 is less conspicuous on a conference table than comparable mics. Because of its highly directional pickup pattern, the PCC®-130 minimizes background noise and feedback. The microphone uses the principle of phase coherency achieved by mounting a small-diameter mic capsule very near a boundary. Direct and reflected sound waves arrive at the mic in phase, and add coherently. This enhances sensitivity, clarity and reach.

Self-contained electronics eliminate the need for an in-line power module. Powered by 12-48 V phantom power, the PCC®-130 has a low-impedance balanced output which permits long cable runs without hum pickup or high-frequency loss. Included with each PCC®-130 is a 4,6-m (15-ft.), two-conductor shielded microphone cable with a TA3F connector (mic end) and 3-pin male XLR-type connector (output).

Capable of withstanding up to 120 dB SPL with-out distortion, the PCC®-130 will never overload in practical use. Its electret-condenser capsule provides a wide, smooth frequency response from 50 Hz to 20 kHz. RFI suppression is included. Self-noise is low and sensitivity is very high. A bass-tilt switch allows the user to tailor the low-end response for particular applications. Permanent mounting is enabled by screw holes in the base. engineering attention-to-detail has assured years of reliable use from this trouble-free microphone.

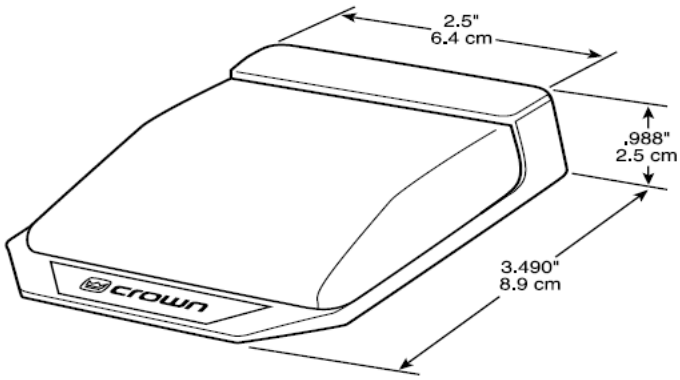
The bottom of the microphone features a three-position BASS-TILT switch: FLAT, CUT, and BOOST. Low-frequency response is adjustable.

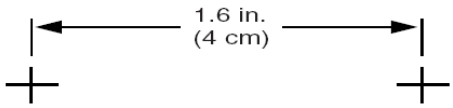
Installation
Typical placement for each microphone is at arm's length from the user. Place one microphone in front of each person or one between every two people.

The front of the microphone is indicated by an arrow on the bottom of the base plate.
If the microphone is used on a lectern, place it on an open surface, not in a cavity. Otherwise the frequency response and polar pattern will be degraded.
Set BASS-TILT to BOOST.

The PCC® includes two keyhole slots in its base to accept mounting screws for permanent mounting. To screw the PCC to a table top, follow this procedure:

1. Punch out the keyholes marked on the label underneath the base plate (use a razor blade, small screwdriver, etc.).
2. Using the template below, mark the location of two holes in the table where you want to mount the mic. These holes are 4 cm (1.6 in.) apart, center-to-center. They are 3.96 cm (1.56 inches) from the rear of the mic.
3. Screw two #8 woodscrews (0.27 in. or 7 mm diameter head) into the table.





Architects' and Engineers' Specifications
The microphone shall be the Crown Model PCC® -130.
The microphone shall be a half-cardioid electret condenser type, utilizing a subminiature transducer of rugged construction.
The microphone shall employ the principle of phase coherency achieved by mounting a small-diameter element very near a boundary, thus eliminating comb filtering in the audible spectrum.
The microphone will exhibit excellent off-axis response and gain-before-feedback. A 4,6 m (15 ft.), two-conductor shielded cable with TA3F and A3M connectors shall be supplied with the microphone.
Nominal sensitivity shall be 22 mV/Pa. Maximum SPL shall be 120 dB SPL for 3% THD.
Equivalent noise shall be 22 dBA nominal. Frequency response shall be 50 Hz to 20,000 Hz with a uniform off-axis response, over 20 dB down at the rear null.
The PCC®-130 is specified.

Specifications:

Polar pattern:	**cardioid**
Frequency range:	**50 to 20,000 Hz**
Impedance:	**150 ohms**
Sensitivity:	**22 mV/Pa (-30 dBV)**
Equivalent noise level:	**22 dB-A**
Maximum SPL:	**120 dB**
Connector:	**Switchcraft TB3M**
Powering:	**12 to 48 V phantom power to DIN/IEC**
Cable:	**4.6 m (15 ft.)**
Finish:	**satin black**
Net weight:	**269 g (9.5 oz.) incl. cable**
Item number:	**PCC-130 6000H50130**

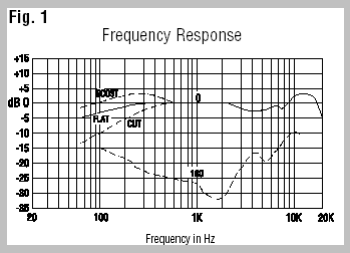
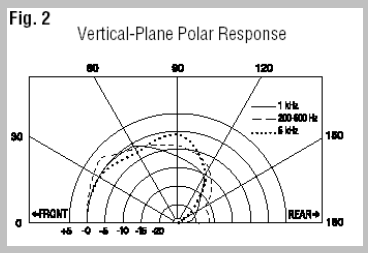
Fig. 1


Fig. 2


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