

Chart Drives - Flexibility for the Field

Battery Operated Quartz Multi-Speed Chart Drives (BOCD) offer complete flexibility for recording - even in the most demanding applications

Designed for outdoor use, hermetically sealed Chart Drives for Palmer Recorders have a broad operating temperature range of -40°F to 160°F and operate reliably even in wet or dirty environments. Freezer tested to -40°F, they will withstand extreme temperatures below 10°F when used with a "C" size 3.6V Lithium Thionyl Chloride Battery. The highly adaptable design will fit any chart recorder, and makes exchange in the field a snap.

The multi-speed dial on the front of the case allows field selectable recording intervals from 30 minutes (PC-12) to 32 days (PC-11) and 96 days (PC-18). The dial also turns the unit off to conserve battery power (PC-11/18 models). A pulsating LED indicator behind the dial shows that the battery is charged and that the unit is operating.

Our PC-11, PC-12 and PC-18 are rated Intrinsically Safe, which makes them ideal for use by gas utility companies and in other situations where hazardous or combustible materials are present. hermetically sealed Chart Drives for Palmer Recorders have



BOCD Chart Drive Features

- **PC-11** - 11 Speeds: switch selectable, choose from 60 min., 96 min., 12 hr., 24 hr., 48 hr., 7 day, 8 day, 14 day, 16 day, 31 day or 32 day recording intervals and OFF.
- **PC-12** - 12 Speeds: switch selectable, choose from 30 min., 60 min., 2 hr., 4 hr., 6 hr., 8 hr., 12 hr., 24 hr., 48 hr., 3 day, 4 day, or 7 day recording intervals. No OFF.
- **PC-18** - 12 Speeds: switch selectable, choose from 60 min., 96 min., 12 hr., 1 day, 7 day, 8 day, 14 day, 16 day, 31 day, 32 day, or 96 day recording intervals and OFF.
- Universal Mounting Bracket: fits all chart recorders for easy replacement.
- .25" Drive Shaft with flat: accepts different drive hubs.
- High Torque: 25 oz/in torque increases life and improves accuracy.
- No Axial or Angular Backlash: charts don't shift.
- Battery: 1.5 volt "C" alkaline battery (not included). For temperatures below 10°F use with a "C" size 3.6V Lithium Thionyl Chloride Battery.
- Molded Body Pilot: Permits field exchange without recalibration.
- Maintenance-Free: Closed construction case protects all moving parts.
- Separate Battery Compartment: prevents drive damage from corrosion.
- UL Listed: Class I, Groups C and D; CUL Listed; Intrinsically Safe.

Spring Wound Chart Drive

Switchable Dual Speed Clock. - By use of a shift lever, the drive can be set for 24 hour or 7 day rotation. Rotation is set at factory to conform to your specifications. Verify that the drive is set properly. To wind the drive, remove chart and use the key furnished with the recorder.

Standard Rotation: 24 hour / 7 day



Available clock rotations FOR ALL CLOCKS: Select one for Factory Setting

Code	Rotation Options	PC-11	PC-12	PC-18	Spring Wound
A	15 Min				Special Order
B	30 Min		✓		
C	60 Min / 1 Hour	✓	✓	✓	Special Order
D	96 Min	✓		✓	Special Order
E	2 Hour		✓		Special Order
X	3 Hour				Special Order
F	4 Hour		✓		Special Order
G	6 Hour		✓		
H	8 Hour		✓		Special Order
J	12 Hour	✓	✓	✓	
K	24 Hour / 1 Day	✓	✓	✓	✓
L	48 Hour / 2 Day	✓	✓		
M	3 Day		✓		
N	4 Day		✓		
P	7 Day	✓	✓	✓	✓
R	8 Day	✓		✓	
S	14 Day	✓		✓	
T	16 Day	✓		✓	
U	31 Day	✓		✓	
V	32 Day	✓		✓	
W	96 Day			✓	