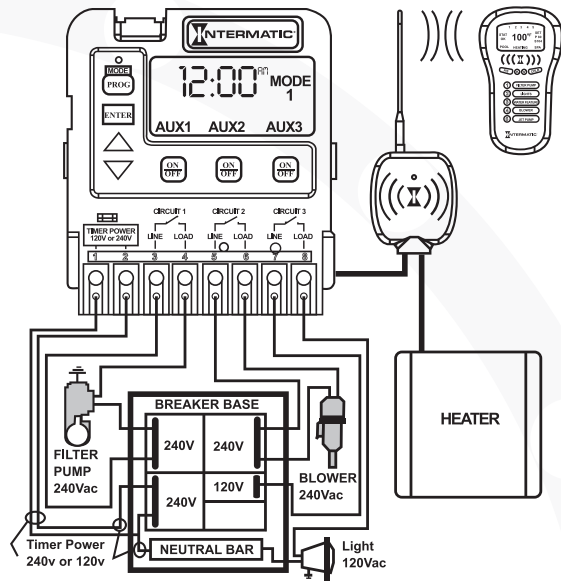


# Digital Control Applications

## I-Wave Mechanism — Three Circuit Clock P1353ME



### Mode 1 – (Aux1, Aux2, Aux3)

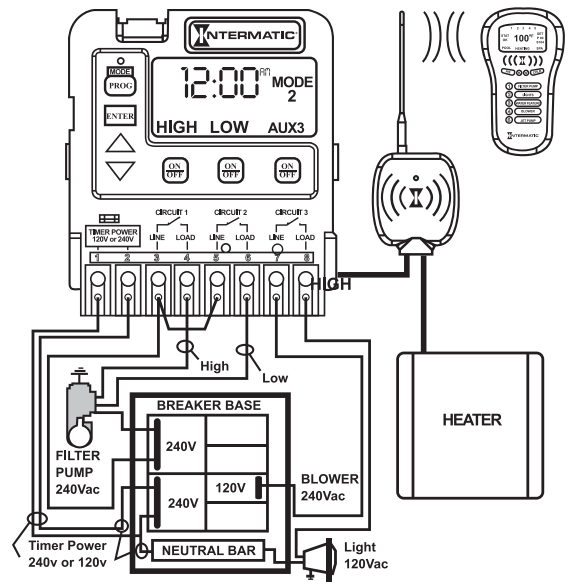
Each of the three single pole circuits are defined generically, and can control any load within each of its individual circuit ratings. All three circuits act independent of each other.

**Applications** – In Mode 1, the P1353ME Three Circuit Clock Mechanism is ideal for Pool or Spa only applications where each piece of equipment is independently controlled. With the addition of a PE650 Receiver and PE950 Transmitter, you can easily add wireless control to your equipment and in addition, add thermostat control to your Pool or Spa. Each of the three circuits are rated for up to 3HP and can handle both 120VAC and 240VAC equipment loads. This is by far the most versatile timer in the market today and can be added to almost all Intermatic control panels, both new and existing making it ideal for upgrades of an older Intermatic system.

### Mode 2 – (Pump High, Pump Low, Aux3)

Circuit one and two are dedicated single pole outputs for a two-speed pump load. Circuits one and two will never be ON at the same time, consistent with a two-speed pump application. Circuit three is single pole circuit for a generic load, and independent of circuits one and two

**Applications** – In Mode 2, the P1353ME Three Circuit Clock Mechanism acts as a Two Speed Controller and can be used for two speed pool applications but is ideal for Spa applications where the Filter Pump on the Spa is used for filtering in low speed and used for jets in high speed. The remaining circuit can be used for Spa lights or blower. With the addition of a PE650 Receiver and PE950 Transmitter, you can easily add wireless control to your equipment and in addition, add thermostat control to your Pool or Spa.



### Mode 3 – (Pump, Aux2, Cleaner Pump)

Circuit one and three are dedicated single pole outputs for a single speed pump working with a pressure side cleaner pump. Circuit three will never come ON unless circuit one is ON for at least one minute, consistent with a pressure side cleaner pump. Circuit two is a single pole circuit for a generic load, independent of circuits one and three.

**Applications** – In Mode 3, the P1353ME Three Circuit Clock Mechanism is ideal for pool applications where a Booster/Cleaner pump is being controlled. In this mode, if the Filter Pump is OFF, the Booster/Cleaner pump will activate the Filter Pump first and then turn itself ON when activated. This ensures adequate priming of the Booster/Cleaner pump. The remaining circuit can be used for lights. With the addition of a PE650 Receiver and PE950 Transmitter, you can easily add wireless control to your equipment and in addition, add thermostat control to your Pool.

