

HELIX
CONTROL SYSTEMS



1 choice for
herpetologists

DBS-1000 - APPLIANCE TIMER ADAPTER CORD

This adapter cord is a trigger device that is used to actuate the night temperature drop of the DBS-1000 System. It's best to use an electro-mechanical appliance timer that is plugged into an 110v AC outlet. The two-pin yellow plug of the adapter cord is inserted into the Appliance timer.

Note: Inside the yellow plug is an isolation device that prevents voltage from passing to the cord. Digital appliance timers will work, but may need to have a light or resistive load plugged into them, as well, for them to switch routinely, as the adapter cord by itself has very little load.

Two ways to configure the Timer, they are as follows:

1. Start time and duration of the NIGHT. Or
2. Start time and duration of the DAY.

Note: Below are suggestions, you can use either set up for "Racks or Cages with or without UV timed lighting".

For Racks or Cages without Timed UV lights: setting for the start time and duration of the night period, (Timer power "On" equals Night period).

The modular telephone jack, at the other end of the adapter cord, is inserted into the phone socket on the Control Module. The timer is set to the "ON" position to start the night period and "OFF" to end the night period. (This is the factory setting).

Test: The adapter cord can be tested by plugging it directly into any 110v AC outlet. If the Controller has reached a steady temperature the small left-hand green light, which indicates the level of output power, will go out when the adapter cord is plugged into 110v AC outlet and come on again when unplugged.

Note: Press the check system button to clear any delay and to verify the temperature set point. Unplug the Timer adapter cord and again press the check system button to verify the second temperature set point.

For cages with UV lights already on a Appliance timer: Setting for start time and duration of the Day period, (Timer power "On" equals Day period). If you are running a timer already for your UV lighting, use an adapter to gain another timed outlet on your timer and plug the Appliance Timer Adapter Cord into the UV light's timer with your UV lights. With the timer and UV lights turned ON, adjust the DBS-1000 to the desired Day Temperature. And, with the timer and UV lights turned OFF, adjust the DBS-1000 to your desired Night Temperature to synchronize the light cycles and temperature cycles. (Use testing instructions above)