

# Autopilot® PX1 Digital Lighting Controller

The Autopilot PX1 Digital Lighting Controller provides centralized, dual-zone digital control of your DE lighting, allowing you to switch, dim, and boost multiple USB-compatible ballasts at once—up to 256 in each of two independent zones for a total capacity of 512 ballasts. The trunk-line cable connections ensure perfect communication between the controller and all ballasts in the chain.

The PX1 has two dedicated temperature sensors one—for each zone—that provide real-time data for automated temperature-based dimming, as well as a high-temperature shutdown feature that protects your garden while you're away. The PX1 replaces traditional analog lighting relays, and eliminates inrush current.

The PX1 Digital Lighting Controller is easy to set up, and is compact and lightweight. It is a true digital ballast interface that makes multiple-ballast control easy and affordable to achieve. It is simply more powerful, more reliable, and more capable than competing controllers. The PX1 is designed to work with the Phantom DE ballasts with USB connectivity, and are ideally paired with PARsource DE reflectors and Agrosun DE HPS lamps.

*(\*RJ12 connection cables and splitter are included in the ballast box.)*



Auto pilot PX1 Digital Lighting Controller

## Features

- The PX1 Digital Lighting Controller dual zones provide precise and independent photoperiod timing to control light and dark cycles
- Wattage output control, which allows users to control the intensity of the light being emitted from fixtures
- Auto-dimming when temperature exceeds set points
- Emergency auto-shutdown of lights upon user-defined overtemperature events
- Configurable restrike delay times, which eliminates lamp damaging hot starts
- Sunrise/sunset simulation settings, which provide a gradual ramp-up and down at both ends of your photoperiod

## AUTOPILOT

ITEM	DESCRIPTION	WT (LBS)
APDPX1	Autopilot PX1 Digital Lighting Controller	10.3/5.1

## Cables

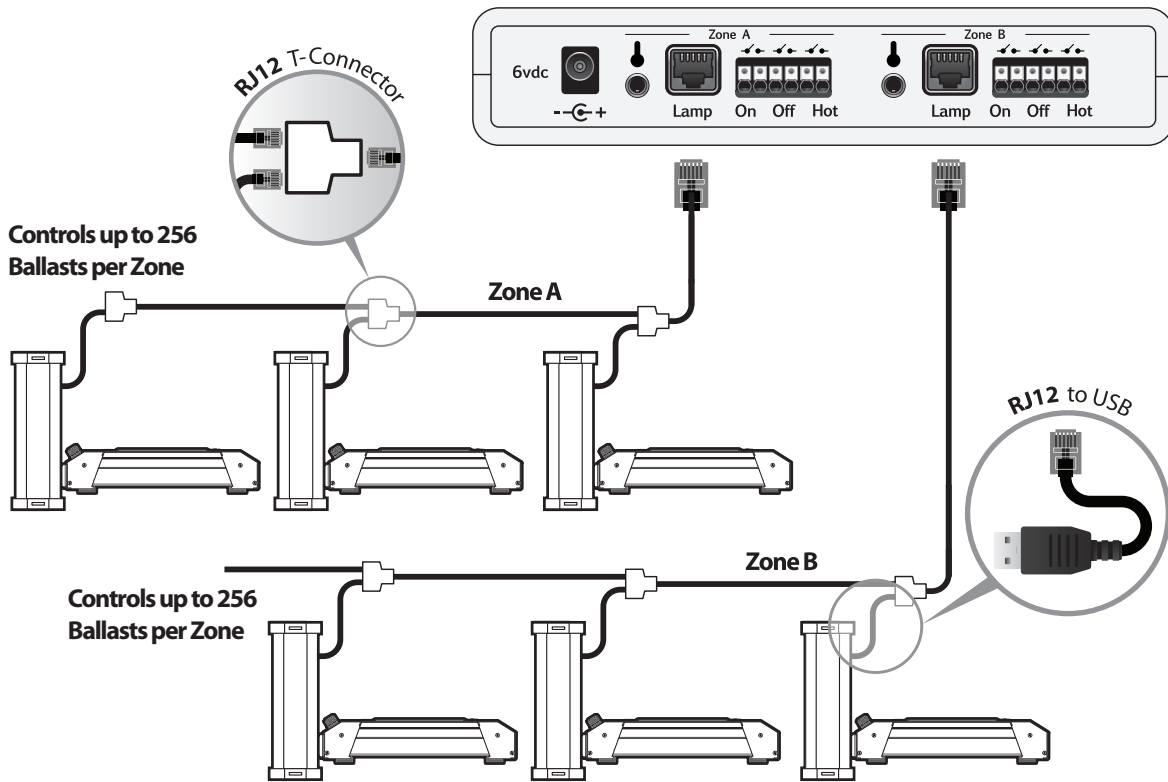
ITEM	DESCRIPTION	DIMENSIONS
PHCBPK	Phantom USB-RJ12 Controller Cable Pack	15"

## Complete Enclosed Reflector Kits

ITEM	INCLUDES	BALLAST CODE	REFLECTOR CODE	LAMP CODE
PHDEKTS1	DE Ballast, Enclosed Reflector, Agrosun 1000W HPS 400V DE Lamp 208/240V	PHB4015	PHRS010	BUSD1DEAG
PHDEKTS2	DE Ballast, Enclosed Reflector, Agrosun 1000W HPS 400V DE Lamp 120/240V	PHB4010	PHRS010	BUSD1DEAG
PHDEKTS3	DE Ballast, Enclosed Reflector, Agrosun 1000W HPS 400V DE Lamp 277V	PHB4020	PHRS010	BUSD1DEAG
PHDEKTS4	DE Ballast, Enclosed Reflector, Agrosun 1000W HPS 400V DE Lamp 347V	PHB4025	PHRS010	BUSD1DEAG

## Complete Open Reflector Kits

ITEM	INCLUDES	BALLAST CODE	REFLECTOR CODE	LAMP CODE
PHDEKT1	DE Ballast, Open Reflector, Agrosun 1000W HPS 400V DE Lamp 208/240V	PHB4015	PHRW010	BUSD1DEAG
PHDEKT2	DE Ballast, Open Reflector, Agrosun 1000W HPS 400V DE Lamp 120/240V	PHB4010	PHRW010	BUSD1DEAG
PHDEKT3	DE Ballast, Open Reflector, Agrosun 1000W HPS 400V DE Lamp 277V	PHB4020	PHRW010	BUSD1DEAG
PHDEKT4	DE Ballast, Open Reflector, Agrosun 1000W HPS 400V DE Lamp 347V	PHB4025	PHRW010	BUSD1DEAG



APDPX1 System Connection Drawing