

FEATURES

- Switch Selectable Signal
 - A10 Signal Output
 - Standard X-10 Signal Output
- Switch selectable Type of Transmission
 - Continuous P1
 - Standard X-10 P1 Test Transmission
- LED Indication of Transmission Status
- Factory Tuned for 120 KHz (+/- 1 KHz)
- Compact Size



APPLICATIONS

- Generates Test Signal to check buildings for X-10 or A10 receiver compatibility.

PRODUCT DESCRIPTION

The AT001 is both an A10 enhanced or standard X-10 based test transmitter. Selection of A10 (6V peak to peak) transmission or X-10 (3V peak to peak) signal output is accomplished with a switch inside the sliding cover on the AT001.

A second switch selects the type of transmission used for testing purposes. In the "P1 only" setting

the AT001 transmits only the P1 address code without ON or OFF commands. This allows signal verification using an Oscilloscope without turning receivers on and off, disturbing building occupants. The P1 ON/OFF setting sends the standard continuous test pattern of P1 P1, P ON P ON, P1 P1, P OFF P OFF.

ORDERING INFORMATION

Specify: AT001 Test Transmitter

SPECIFICATIONS

Electrical Requirements

Supply Voltage	120 VAC or 277 VAC, +/-10%
Frequency	50 or 60 Hz

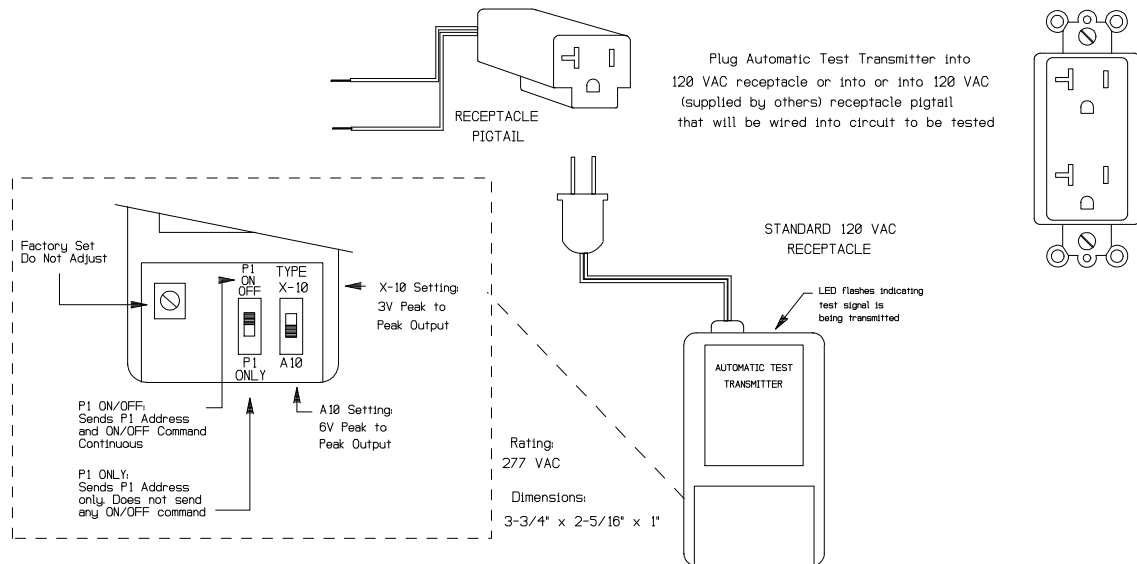
Mechanical Requirements

Power Connections	120 VAC - 2 prong polarized plug 277 VAC - will require use of alligator clips
Dimensions	3-3/4" L x 2- 5/16" W x 1" H
Weight	8 oz

ENVIRONMENTAL REQUIREMENTS

Operating Temperature	32 to 120 deg F
Storage Temperature	-20 to 150 deg F
Operating Humidity	10% to 95% non-condensing

INSTALLATION INSTRUCTIONS



BEFORE YOU BEGIN...

READ ALL INSTRUCTIONS

Make sure your installation will conform to all applicable codes and requirements.

TEST FOR SIGNAL STRENGTH AND NOISE...

by using this instrument. It is necessary to test the installation in the actual operating environment. The amount and types of line loads may reduce the strength of the transmitted signal and/or electrical noise may cause interference with the transmitted signal. Proper installation may require additional couplers, filters or repeaters. Special coupling devices are required to allow signal to be distributed to all phases and zero-crossings in multi-phase and multi-transformer distributions.

INSTALLATION

CAUTION! You will be working with live voltages to test signal strength: **USE CARE!**

NOTE! For the tests, change the address of any installed PCC devices that may be set at address P1 (to prevent ON/OFF cycling caused by the AT001) or set the left switch to P1 ONLY (this will send an address only, and no ON/OFF command). Use an occilloscope at the proposed receiver location. If the transmitter installed is an A10 type, set the right switch to the A10 setting to transmit a 6V peak to peak signal. X-10 switch setting transmits a 3V peak to peak signal.

1. At the proposed or installed transmitter module:
 - a) plug the AT001 power cord into a 120 VAC outlet, or
 - b) using test probes or alligator clips connected to a 120 VAC receptacle pigtail, connect the AT001 power cord to 120 VAC or 277 VAC.
2. Check connections to be sure they are tight.

CHECKOUT

1. Once plugged in, the AT001 will transmit ON/OFF codes continuously on the P1 address, or transmit address only, depending on the switch setting. The flashing green LED in the cord end of the AT001 indicates command signals are being transmitted.
2. Add any filters, couplers, repeaters, etc. necessary to insure proper signal strength to the receiver(s), and elimination of signal interference.
3. When tests are complete carefully disconnect the AT001 from the power lines.