

## AT-MSX Wireless Sync Device

### Features

- Wireless time synchronization to external devices
- Internal UHF radio receiver for reliable signal reception
- Daily internal dry contact relay closure at midnight
- RS485 correction of Lathem master controls, bell ringers, and digital clocks
- FCC Part 15 compliant
- Made in USA

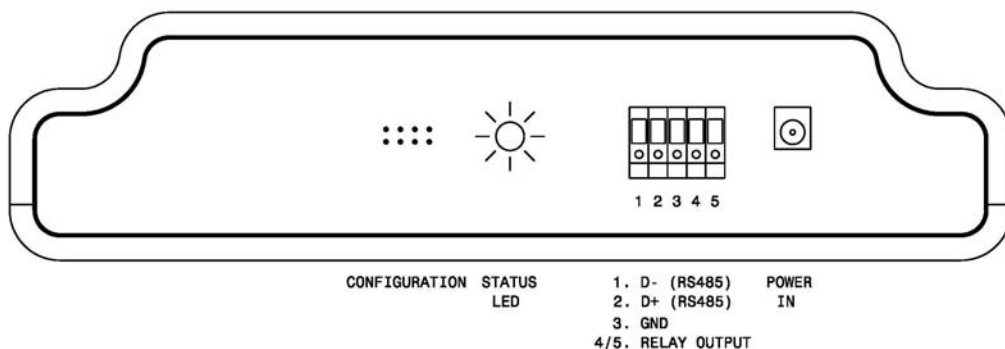


### Operation

When connected to AC power, the AT-MSX automatically powers up and an LED on the case bottom begins flashing every 2 seconds indicating that the AT-MSX is waiting to receive an AirTime radio signal. Once the signal is received, the unit sets its internal clock to exact time and the LED starts flashing once per second indicating normal operation. The unit transmits the Lathem RS485 digital signal once per minute to provide time synchronization to other Lathem devices. It also closes the dry relay contact for two (2) seconds once per day at 23 hours 59 minutes and 58 seconds to provide a synchronization time reference signal to external third party devices such as an intercom system.

### Physical

The AT-MSX contains an internal microprocessor and internal UHF radio receiver housed inside an impact resistant keyhole wall mount plastic enclosure. The bottom of the enclosure features a five (5) place terminal block connector for wiring to external devices, a green LED signal reception indicator, four (4) position program jumpers, and power port for an external AC power adaptor.



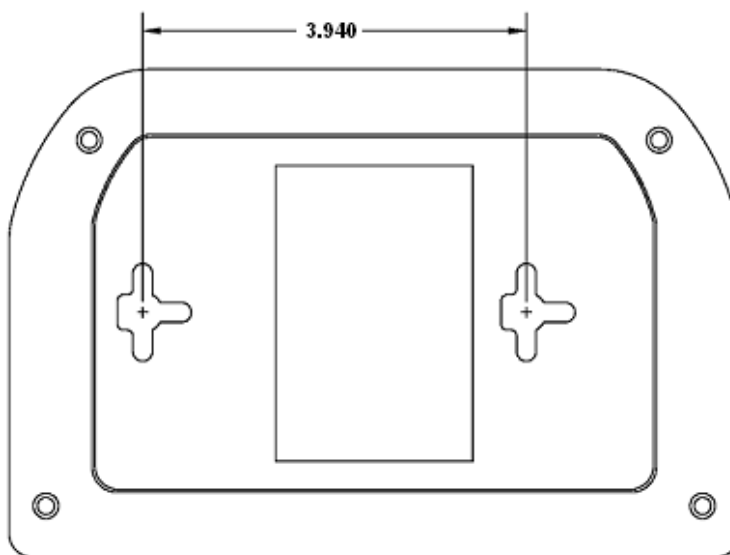
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**Specifications**

- Frequency..... 452 MHz
- Channels..... 1x10 = 10
- RS485 Connection..... D - / D + terminal block
- Relay Connection ..... Terminal block
- Relay Rating ..... 10 VA max / 0.5 A max switch current
- Dimensions ..... 6.5" wide x 3.8" tall x 2" deep
- Weight..... 0.6 pounds
- Operating Temperature ..... 0 ~ + 50°C

**Warranty**

One year limited warranty on defects in material or workmanship.



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