

## XR100 and XR500 Canadian Series Hardware Update

January 2010

### Hardware Update

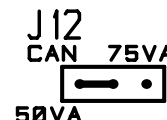
Beginning January 2010, all XR100 and XR500 Canadian Series Command Processor Panels are being manufactured with Rev 9 PCBs and updated Level 'M' hardware.

### Updated Hardware

The following hardware updates have been added to comply with the January 1, 2010 effective date of the Canadian standard ULC S304-06 Standard for Central and Monitoring Station Burglar Alarm Units.

#### Level M Hardware

The XR100 and XR500 Canadian Series panels Rev 9 PCB with Level M hardware provides a new selection to allow the use of a 50VA plug-in transformer or a 75VA wire-in transformer. J12 as shown in the illustration is a three pin header with a two pin jumper.



Panel output current maximums based on transformer usage is described in the following sections of the XR500 Canadian Installation Guide (LT-0681CAN) and the XR100 Canadian Installation Guide (LT-0899CAN):

#### 1.1 Power Supply

Transformer Input:

Model 327, plug-in — Primary input: 120 VAC, 60 Hz, Secondary output: 16.5 VAC 50 VA

Model FTA7516 ATC Frost from Standex Electronics — Primary input: 120 VAC, 60 Hz, Secondary output: 16 VAC 75 VA

Standby Battery: 12 VDC, 1.0 Amps Max. charging current Models 365, 366, 367, 368, or 369  
Replace every 3 to 5 years

Auxiliary: 12 VDC output at 1.0 Amp Max using Model 327

Bell Output: 12 VDC at 1.0 Amp Max using Model 327

Auxiliary: 12 VDC output at 1.5 Amp Max using Model FTA7516

Bell Output: 12 VDC at 1.5 Amp Max using Model FTA7516

All circuits are inherent Power Limited except the red battery wire and AC terminal.

#### 5.3 J12 3-Pin Header for Transformer Types

Place the jumper on the left two pins for a Maximum 2 Amp (Bell=1 Amp; Aux=1 Amp) when using the Model 327 plug-in transformer (default).

Use an ATC Frost FTA7516 transformer and place the jumper on the right two pins for a Maximum, 3 Amps (Bell=1.5 Amp; Aux=1.5 Amp).

