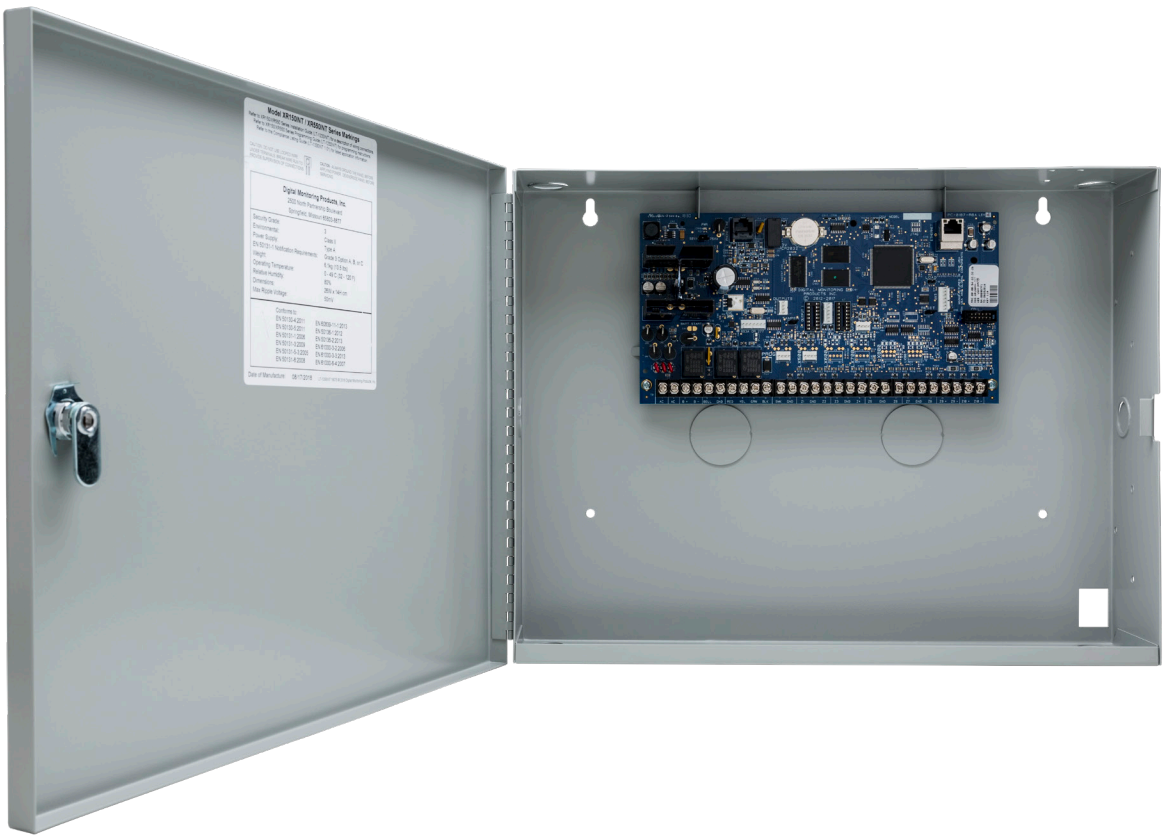

INTERNATIONAL COMPLIANCE GUIDE

XR SERIES

DIGITAL MONITORING PRODUCTS, INC.

MODEL XR150INT/XR550INT SERIES COMPLIANCE GUIDE

Contains compliance instructions for use with the Model XR150INT/XR550INT Series Control Panels.

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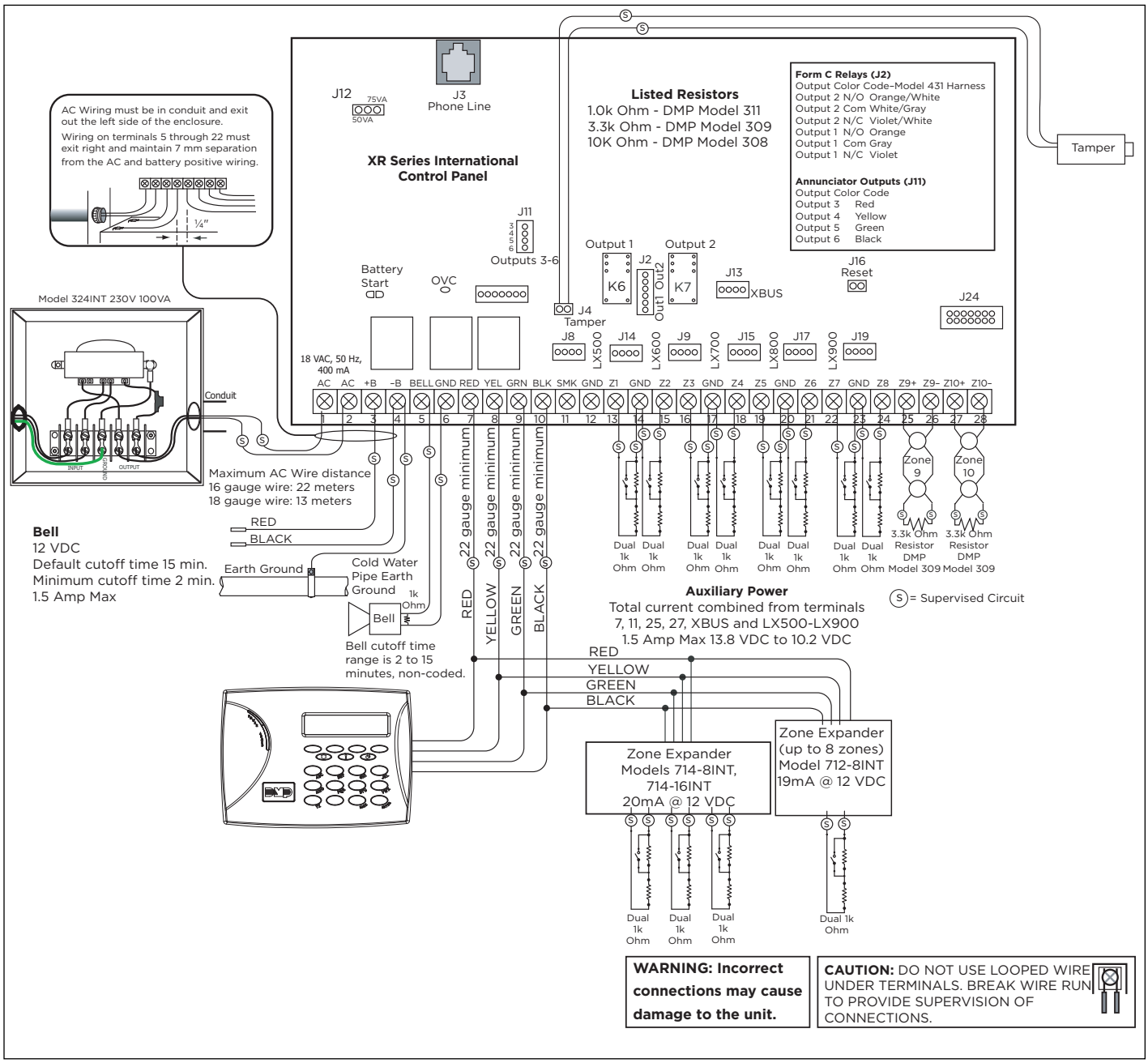
BEFORE YOU BEGIN

This guide provides compliance information for the DMP XR150INT/XR550INT Series International Control Panels. After this Introduction, the remaining sections describe the functions along with the available options. Before starting, we recommend that you read through the contents of this guide. The information contained here allows you to quickly learn the operation, functionality, and programming options of the panel to meet specific applications.

This guide covers all the requirements for the following panels:

- XR150INT Control Panels
- XR550INT Control Panels

WIRING DIAGRAM



OPERATION

Intrusion and Hold-up Systems EN 50131-1

Security Grade

The Model XR150INT/XR550INT Series International provides a Security Grade 3 fulfilling Options A, B, or C.

Environmental Class

The Model XR150INT/XR550INT Series International provides Environmental Class II.

Power Supply

The Model XR150INT/XR550INT Series International employs a Type A power supply.

Control and Indicating Equipment EN 50131-3

Operating Temperature and Humidity Range

The XR150INT/XR550INT Series International is suitable for temperatures ranging from 0°C to 49°C and a relative humidity of 80%.

Weights and Dimensions

The XR150INT/XR550INT PCB Series International weighs 1.7 kg and is 26 cm wide by 14 cm high.

XR150INT/XR550INT Status List Display

PRIORITY	CATEGORY	DESCRIPTION	LATCHES DISPLAY
1	Fire Zone Alarms	FI and FV zone alarms	Y
2	Emergency Alarms	EM zone alarms	Y
3	Fire Troubles Supervisory Alarms and Troubles	FI, FV, and EM troubles SV Alarms and Troubles	Y
4	Burglary Zone Alarms	NT, DY, EX, and AR Zone Alarms	N
5	System Messages	Walk Test Transmitter Missing Transmitter Low Battery Wireless Jamming Wireless Keypad Missing, Tamper, AC Power, Low Battery, Wireless Keypad Trouble Z-Wave Lock Low Battery Any Other System Monitor Troubles	N
6	Late to Close Messages	System Has Not Armed as Scheduled	N
7	All Other Zone Messages	Key Fob Alarm, Low Battery, Missing, Trouble Output Alarm, Low Battery, Missing, Trouble Door Propped Zone Monitor Day Zone Alert Alarms on PN, A1, and A2	N
8	Armed or Ready Status	Status of the Panel	N
9	Day and Time	Current Date and Time	N
10	Today's Current Weather	Today's Weather	N
11	Tomorrow's Weather	Tomorrow's Weather	N
14	Keypad Bus Device Message	Device Missing Device Tamper	N

734INT Programming

After initial installation, changes to 734INT/734NINT programming must be made through the device setup menu in panel programming.

Entry/Exit Delay

In System Options, set Entry Delay to **30 to 45 seconds**. In Area Information, set Exit Delay to **30 to 45 seconds**.

Transmit Delay

In Communications, Transmit Delay must be set the same as Entry Delay in System Options.

Bell Cutoff

In Bell Options, Bell Cutoff must be set to **2 to 15 minutes**.

Auto Arming the System

In Area Information, Closing Check must be **ON** when using Auto Arm. When arming, Closing Time! is displayed for 10 minutes and the keypad sounds. Bad zones are processed according to the Bad Zones programming in Area Information. Other troubles are automatically overridden.

Fault and Tamper Alerts

When a fault or tamper alert is listed in the status list, only the Service User can arm the system until the fault or tamper is corrected.

Zone Expander

When using a zone expander module, one zone of the module must be used as tamper supervision.

Swinger Bypass

In System Options, SWGRBYPS TRIPS: must be set to **3 or higher**.

Disarmed Short/Open

In Zone Programming, the Alarm Action message sent to Central Station for Disarm Short and Disarm Open must be set to **T** for Trouble Alert.

Masking

Connect a zone to the masking contacts of a device. In Zone Programming, name the zone **X Detector Masking** where X is the name of the detector zone. For Alarm Action, set the Transmit Message to **T** (Trouble) for both Disarmed and Armed actions.

User Codes and PIN Codes

User Codes and PIN Codes must be at least 5-digits (0 - 9) for a total of 100,000 possible combinations.

Keypad Display Time Out

A valid User Code is required to be entered to display the Status List. The display will time out in 60 seconds with no key presses. A valid User Code will be required to be entered again to view list.

Event Log

Events are stored in non volatile memory with greater than 100 year data retention. Manufacturer part number SST39VF3202B.

Discharge/Recharge

The XR150INT/XR550INT Series International battery charging circuit float charges at 13.8 VDC at a maximum current of 1.5 Amps using a 100VA transformer. Listed below are the various battery voltage level conditions:

- Battery Trouble: Below 11.2 VDC
- Battery Cutoff: Below 10.2 VDC
- Battery Restored: Above 12.6 VDC

The panel disconnects the battery any time the battery voltage drops below 10.2 VDC. This prevents battery deep discharge damage. The XR150INT/XR550INT charges a maximum of 45Ah batteries to 80% in 24 hours.

Our Voltage Protection

Output circuitry is designed to limit voltage to 15V.

Closing Code

In System Options, set Closing Code to **YES**.

Notification Output Signals

Provides Hold-up, Tamper, and Intrusion notifications.

Operation Mode

Stores and forwards all messages to SCS-VR or SCS-1R.

Dual Path Operation

Communication takes place on the primary path with backup paths being used only when the primary path fails or when the backup path is being used to send duplicate messages.

Control Panel Unavailability

The control panel is considered unavailable when the system message 16 panel NOT RESPONDING is generated by the central station receiver.

EXPORT CONTROL

The XR550INT with encryption uses AES encryption and any export beyond the United States must be in accordance with Export Administration Regulations.

INTERNATIONAL CERTIFICATIONS

Intertek (ETL) Listed

EN 50130-4	EMC Product Family Standard: Immunity Requirements for Components of Fire, Intruder and Social Alarm for Components of Fire, Intruder and Social Alarm Systems
EN 50130-5	Environmental Standards
EN 50131-1:2006+A1	Intrusion and Hold-up systems
EN 50131-3:2009	Control and Indicating Equipment
EN 50131-5	Interconnections Equipment using Radio Frequency techniques
EN 50131-6:2008	Power Supplies
EN 50136-1	Alarm Transmission Systems and Equipment
EN 50136-2:2013	Supervised Premises Transceiver
EN 50136-3	Receiving Centre Transceiver
EN 50131-6	Power Supplies
EN 61000-3-2	Limits - Limits for Harmonic Current Emissions (Equip. Input Current up to and Including 16 A per Phase) Includes A1 & A2 July 1, 2009
EN 61000-3-3	Limitation of Voltage Fluctuations & Flicker in Low-Voltage Supply Systems for Equip. with Rated Current Less Than or Equal to 16 A per Phase & Not Subject to Conditional Connection
EN 61000-6-4	Generic Standards - Emission Standard for Industrial Environments

DOCUMENTATION

Security Grade	3
Environmental Class	II
EN 50131-1	
Notification Requirements	Grade 3 Options A, B, or C
Operating Temperature	0°C - 49°C 32°F - 120°F
Relative Humidity	80%
Weight	6.1 kg (13.5 lbs)
Dimensions	26W x 14H cm
Max Ripple Voltage	50mV

Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.

LT-1330INT 1.01 24425

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