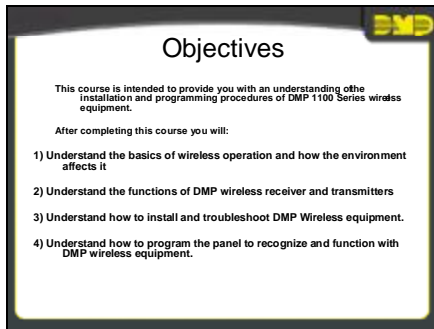


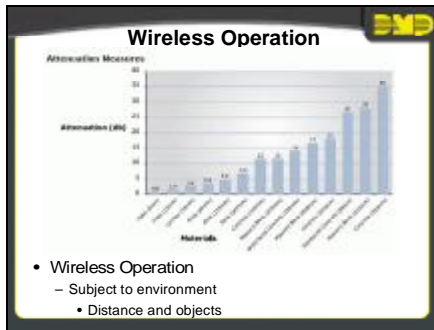
Slide 1



Slide 2



Slide 3



Slide 4

Installation Tips

- Survey before and after
- Obstructions
- Consider Distance
- Central Location
- Survey LEDs
- Metal surfaces

Slide 5

1100 Series Wireless Receivers

- Two way communication
- Simple connection
- Mounting options
- Compatibility
 - 1100D
 - Note on firmware
 - 1100X
 - Note on firmware



Slide 6


1100 Receiver PCB

- Features
 - Status LEDs
 - 4 Pin header
 - Mounting through PCB



Slide 7


Receiver LED Operation



- Status LEDs
 - Power
 - TXD
 - RXD
 - Status
 - RF RXD
 - RF TXD
- Note on LEDs

Slide 8


1100 Installation



- Remove cover
- Secure housing
 - Avoid metal surfaces
- Mounting location
- Note on wiring

Slide 9


1100D Wireless Receiver Wiring



- 4 wire harness
 - 7, 8, 9, 10
 - J3
- Note on wire distances and wire type

Slide 10

1100X Wireless Receiver Wiring



- 4 wire harness
 - J23, J22
 - J3
- Note on wire distances and wire type

Slide 11

1100D Wireless Zone Numbering

- Keypad bus connection
- Panel address support
- Small panel addressing scheme and differences****
- Wireless versus hard wired connection

Slide 12

1100X Wireless Zone Numbering

- J22 Connection
- Addressing scheme
- X bus support
 - XR500 -XR100

1100 Series Key Pad	140-141
LR500 1 (A)	150-151
LR500 1 (B)	160-161
LR500 1 (C)	170-171
LR500 1 (D)	180-181
LR500 1 (E)	190-191

1100 Series Key Pad	200-201
LR100 Bus 1	210-211

Slide 13

**1100 Series
Wireless Zone Programming**



- NO for hard wired zone
- YES for DMP wireless
- Note on House Code and J23 jumper

Slide 14


**Transmitter
Serial
Number**



- Eight digit S/N
- Already in use
- Note on Stop Routine
- Additional wireless information


Slide 15


**Transmitter
Contact
Selection**



- Selection of contact type
- Use of INT
- Use of EXT
- Note on 1101 and zone example

Slide 16

Transmitter Input Contact 



- 1114 Four Zone Expander
- Same serial number
- Consecutive zone number
- Default

Slide 17

External Contact Type 



- 1101 or 1102 prompt
- Select YES to use a normally open contact
- Select No to use a normally closed contact

Slide 18


Supervision Time 



- Time is in minutes
- Zero disables
- Check in
- Note on timer

Slide 19

LED Operation 



- Select Yes to activate
 - Applies to:
 - Select No to deactivate
- Note for UL installs


Slide 20


1100 Series Key Fobs 



- House Code range
- XR500/XR100 zones
- XRSuper6/XR20/XR40 zones

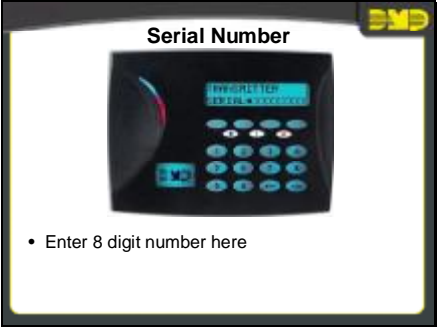
Slide 21

User Number 

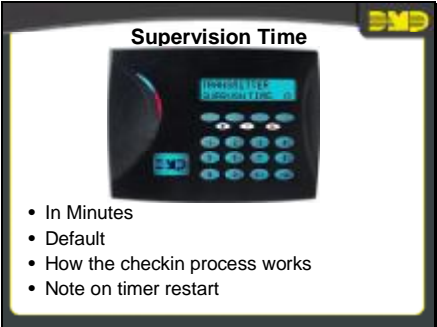


- XR500/XR100
- XRSuper6
- XR20
- XR40

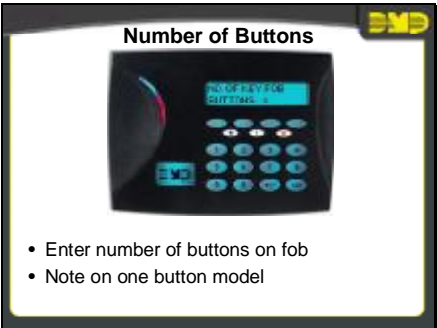
Slide 22



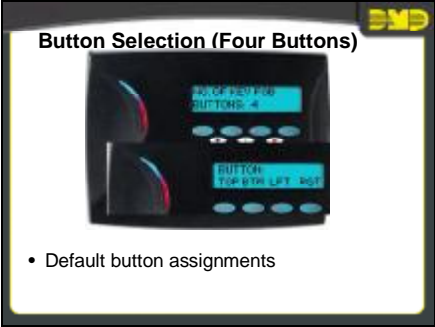
Slide 23



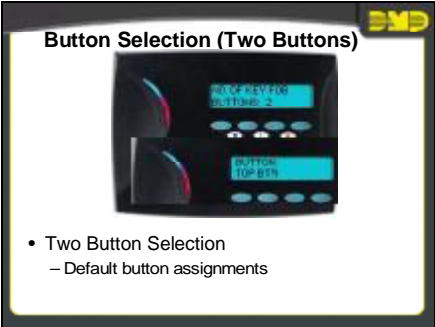
Slide 24



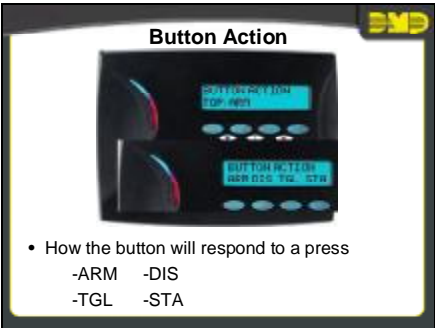
Slide 25



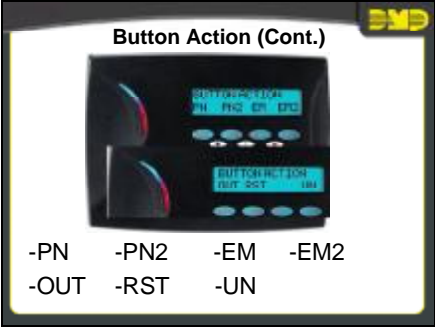
Slide 26



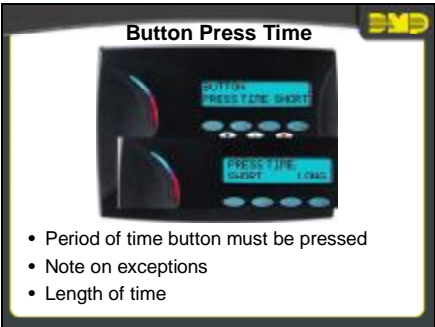
Slide 27



Slide 28




Slide 29




Slide 30




Slide 31


(XR500/XR100) 
Arm/Disarm Area Selection



- Area system area selection
 - Defaults
- Note on how the user Profile affects this



Slide 32

(XR500/XR100) 
All/Perimeter or Home/Away selection



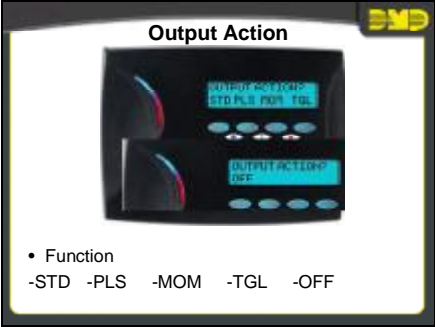
- All/Perimeter or Home/Away area selection
- Note on areas 3 and 4

Slide 33

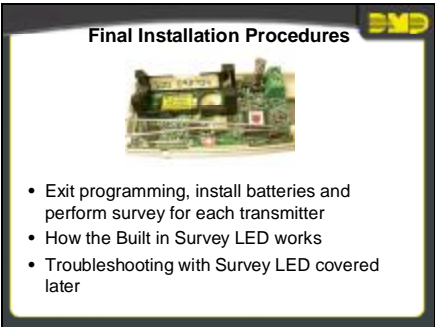
Output Number 


- Associating an output with a button
- Output Number Ranges

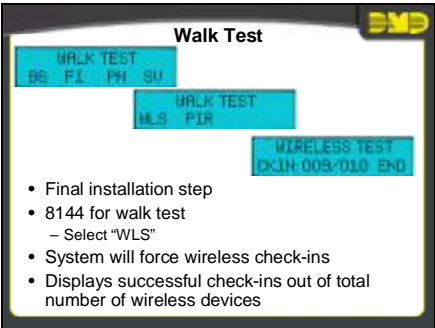
Slide 34



Slide 35




Slide 36



Slide 37

Model 1101/1102 Universal Transmitter



- 1101 Description
 - Features
- 1102 Description and use
- Note on external contacts

Slide 38

1101/1102- Installing/Replacing the Battery

- When to install the batteries?
- What happens on power up?
- One hour window
- Missing?

Slide 39


Model 1114 Four Zone Expander



- Use
- Power sources
- Compatibility

Slide 40

Model 1116 Relay Output



- Relay capacity
- Power sources
- Compatibility

Slide 41

1117 LED Annunciator



- Use
- How it's controlled and triggered
- Compatibility

Slide 42

Model 1118 Remote Indicator Light



- Use

Slide 43

DMP Model 1121/1125 Motion Detector




• 1121/1125 Motion Detector
• 1121 Features
• 1125 Features

The slide features a white, dome-shaped motion detector on the left and a photograph of its internal green printed circuit board (PCB) on the right. The PCB is populated with various electronic components, including a microcontroller, resistors, and a battery. The DMP logo is visible in the top right corner of the slide frame.

Slide 44

Model 1129 Glassbreak Detector



• Features
• Mounting options

The slide shows a white, rectangular glassbreak detector on the left and a photograph of its internal green PCB on the right. The PCB contains a piezoelectric sensor and other electronic components. The DMP logo is in the top right corner.

Slide 45

Model 1139 Bill Trap



• Function
– False alarm reduction feature
• Compatibility

The slide displays a photograph of the internal green PCB for the Model 1139 Bill Trap. The board is populated with a microcontroller, a piezoelectric sensor, and other electronic components. The DMP logo is in the top right corner.

Slide 46

Model 1142 2-Button Hold Up Transmitter



- Function and mounting options
- 1142BC options
- Compatibility

Slide 47

1100 Series Key Fobs



- Compatibility
- LED feedback
- Button use

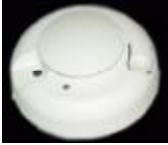
Slide 48

LED Status Operation

- Conditional LED function
 - Operates according to zone type
- Note on ideal operation

Slide 49

Model 1161/1162 Residential Detectors



- Function
 - Optional heat detector
- Compatibility

Slide 50

General Wireless Troubleshooting*


What does one do if wireless devices do not operate?

Slide 51

Troubleshooting Using the Transmitter Survey LED

How does one use the built in Survey LED to troubleshoot a problem?


Slide 52

Battery Life Expectancy 

Typical battery life that one can expect for the DMP Wireless transmitters are:


- The benefit of two way communication
- Note on a missing receiver
- The following slides will illustrate ways the battery life can vary.

Slide 53

Situations that decrease battery life 

Several situations can decrease the battery life expectancy of a wireless transmitter.

Slide 54

Extending battery life 

There are several ways to extend the expected battery life.

Slide 55

1100 Series Wireless Review

The next 11 slides will cover the 1100 Series Wireless section

Slide 56

Question 1

1) When mounting the Model 1100D Wireless Receiver in a remote location, wire distance may not exceed:

- A. 2500'
- B. 5000'
- C. 250'
- D. 500'

Slide 57

Question 1

1) When mounting the Model 1100D Wireless Receiver in a remote location, wire distance may not exceed:

- A. 2500'
- B. 5000'
- C. 250'
- D. 500'

Slide 58

Question 2

2) The Model 1100D Wireless Receiver may be used on the keypad bus of the _____ Command Processor™.

- A. Any of these
- B. XRSuper6
- C. XR20
- D. XR40

Slide 59

Question 2

2) The Model 1100D Wireless Receiver may be used on the keypad bus of the _____ Command Processor™.

- A. Any of these
- B. XRSuper6
- C. XR20
- D. XR40

Slide 60

Question 3

3) The Model 1101 Universal Transmitter may be used as two zones.

True
False

Slide 61

Question 3

3) The Model 1101 Universal Transmitter may be used as two zones.

True
False

Slide 62

Question 4

4) To program the Model 1101 Universal Transmitter as two zones, the same _____ is entered into the Zone Information, but the Contact Type for each zone is different.

A. Zone Type
B. Serial Number
C. Zone Name
D. Alarm Action

Slide 63

Question 4

4) To program the Model 1101 Universal Transmitter as two zones, the same _____ is entered into the Zone Information, but the Contact Type for each zone is different.

A. Zone Type
B. Serial Number
C. Zone Name
D. Alarm Action

Slide 64

Question 5

5) The Survey LED provides a means of transmitter/receiver communication verification by a single installer.

True
False

Slide 65

Question 5

5) The Survey LED provides a means of transmitter/receiver communication verification by a single installer.

True
False

Slide 66

Question 6

6) When proper communication has been established and the housing cover has been returned to the transmitter, the Survey LED will turn on _____ more times when data is transmitted.

A. five
B. three
C. four
D. two

Slide 67

DND

Question 6

6) When proper communication has been established and the housing cover has been returned to the transmitter, the Survey LED will turn on _____ more times when data is transmitted.

A. five
B. **three**
C. four
D. two

Slide 68

DND

Question 7

7) If a transmitter is unable to reliably communicate a message to the receiver, or is reported as missing, the Survey LED can be used to help diagnose the issue.

True
False

Slide 69

DND

Question 7

7) If a transmitter is unable to reliably communicate a message to the receiver, or is reported as missing, the Survey LED can be used to help diagnose the issue.

True
False

Slide 70

END

Question 8

8) After the third time, the Survey LED does not turn on again until the cover is removed from the housing and the Survey Mode begins again. This is to _____.

- A. ensure communication
- B. **prolong battery life**
- C. charge the battery
- D. all of these

Slide 71

END

Question 8

8) After the third time, the Survey LED does not turn on again until the cover is removed from the housing and the Survey Mode begins again. This is to _____.

- A. ensure communication
- B. **prolong battery life**
- C. charge the battery
- D. all of these

Slide 72

END

Question 9

9) When installing the Model 1100 Series Wireless Receiver, or any other keypad bus device, you should never use twisted-pair or shielded cabling.

True
False

Slide 73

DND

Question 9

9) When installing the Model 1100 Series Wireless Receiver, or any other keypad bus device, you should never use twisted-pair or shielded cabling.

True
False

Slide 74

DND

Question 10

10)The panel must be programmed with a unique _____ to avoid 'cross-talk' between wireless systems.

A. account number
B. House Code
C. serial number
D. Site Code

Slide 75

DND

Question 10

10)The panel must be programmed with a unique _____ to avoid 'cross-talk' between wireless systems.

A. account number
B. House Code
C. serial number
D. Site Code

Slide 76

DMP

Question 11

11)The Model 1100 Series Wireless Receiver may be mounted on the panel enclosure.

True
False

Slide 77

DMP

Question 11

11)The Model 1100 Series Wireless Receiver may be mounted on the panel enclosure.

True
False

Slide 78

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Congratulations!

You have completed the DMP 1100 Series Wireless Course.



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