



**Home Automation, Inc.**

**Model 12A00**

**Wireless Receiver**

**Installation Manual**

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## DESCRIPTION

The Model 12A00 Supervised Wireless Receiver allows up to 64 unique wireless security transmitters to report information to an OmniLT, Omni, Omni II, OmniPro, or OmniPro II automation controller. The wireless transmitters replace wired door and window sensors, as well as wired smoke, motion, and glassbreak detectors. These transmitters report status information to the 12A00 Receiver which, in turn, processes the information and reports it to the controller.

The receiver is compatible with transmitters manufactured by Linear Corporation. It supports Linear's Supervised S1, Megacode, and SX format transmitters.

## COMPATIBLE TRANSMITTERS

HAI recommends the use of the SX format transmitters. These transmitters have an open-air range of 3500 feet. The SX format features compressed encrypted data with error detection and correction for increased range, reliability, and ease of installation. Each of the SX format transmitters is factory programmed with one of over 16,000,000 I.D. codes.

The following are the most popular SX format transmitters that may be used:

T-90 Door/Window Transmitter - Used in the place of a wired magnetic switch, this stationary sensor has a built-in magnetic switch with adjustable magnet, may be connected externally to monitor other types of sensors, and is self-testing. It uses surface-mount technology and a lithium battery with a life expectancy of over 5 years

TMD-90 Passive Infrared Motion Detector - Uses passive infrared heat detection to sense motion

TGB-90 Glass Break Detector - Used to detect both audio emissions and shock vibrations of breaking glass

TSD-90 Smoke Detector - Supervised photoelectric smoke detector

TX-91, TX-92, and TX-94 Hand-Held Transmitters - One, two, and four button portable sensors

Although HAI recommends the use of SX series transmitters, 303.875 MHz "S1" and "Megacode" transmitters may also be used with the 12A00 Wireless Receiver.

Linear's DX series transmitters **will not** work with this receiver.

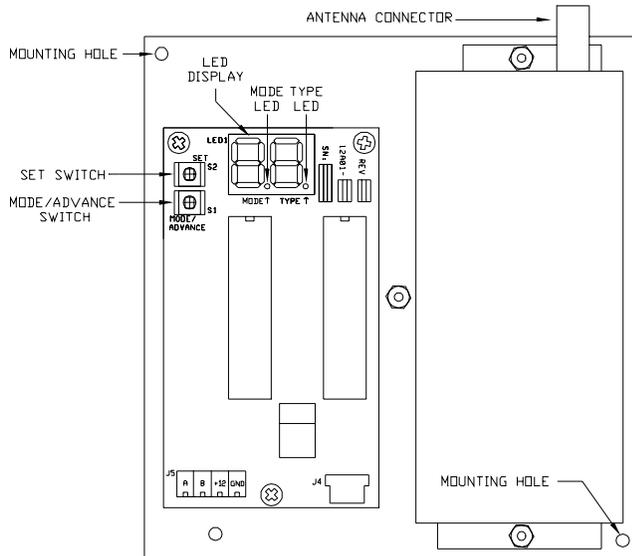
## INSTALLATION

Install the receiver in a central area of the premises, as high above ground as practical. The receiver should be at least 5 feet from the controller or any other electronic device. The open-air range of SX format transmitters is 3500 feet. However, building construction as follows will reduce the range:

Wood and drywall	10%
Concrete and brick	35%
Steel, reinforced concrete, metal lath:	90%

When the location of the receiver has been established, remove the cover and position the receiver so that the antenna connector is at the top right. Mount the receiver, using supplied wall anchors and screws, through two mounting holes (upper left and bottom right). Allow at least a 12-inch clearance to mount the antenna. Place the cover on the receiver and install the antenna onto the antenna connector.

Connect the receiver to the controller using 4 conductor 22 gauge or larger wire as follows:



## OPERATION

The two operating modes of the receiver are "Run" and "Setup".

In Run mode, with the receiver connected to and communicating with the controller, the Mode LED should blink once per second. The receiver monitors the status of each transmitter. If the status condition of a transmitter changes, it is reported to the receiver and the information is updated on the LED display.

The transmitter number flashes on the display whenever a report is received from a transmitter. The display will continually display the status of any transmitters that are violated (not ready) or that have trouble. The transmitter number flashes on the display followed by the status condition(s).

LED DISPLAY	INFORMATION ABOUT THE LED DISPLAY
1 . 1	Displays the number of the transmitter with a change in condition.
A L	Displays that the current transmitter is "NOT READY".
C O	Displays that the cover was removed from the current transmitter.
S F	Displays that the current transmitter has a supervision failure.
L O	Displays that the current transmitter has reported a battery low.

**NOTE:** If the receiver is not communicating with the controller, the Mode LED will blink four times per second.

SET - The Set switch is used to increment or change the current selection.

MODE /ADVANCE - The Mode/Advance switch is used to enter Setup mode, advance to the next Setup item, and to confirm a selection. It is also used to exit Setup mode.

LED DISPLAY - The LED DISPLAY is used to show the status of each transmitter and to ensure proper setup.

MODE LED - In Run mode, the Mode LED is used to indicate communication status with the controller. In Setup mode, the Mode LED is used to give helpful information when entering your code, and indicates if a transmitter sends a restore code.

TYPE LED - In Setup mode, the TYPE LED is used to give information when entering your code, and indicates if a transmitter is supervised.

## SETUP MODE

The Setup Mode is used to configure the general operating parameters of the receiver, to program a transmitter into the receiver, and to change the characteristics of a programmed transmitter. The Mode LED does not blink in Setup mode.

### To enter the Setup mode:

- A. Press and hold the Mode/Advance switch for approximately two seconds.
- B. Enter the four-digit code. "C" is shown on the left of the display and the digit for each code number is shown on the right of the display.
- C. The Set switch is used to increment the value of the digit.
- D. The Mode/Advance switch is used to advance to the next digit of the code. The Mode and Type LED's are used to indicate which digit of the code is shown.

When no LED is lit, enter the first digit of the code. When the Type LED is lit, enter the second digit. When the Mode LED is lit, enter the third digit. When both the Type and Mode LED's are lit, enter the fourth digit. The default code is 1111. If the correct code is entered, you will be allowed to enter Setup mode. The receiver will return to Run mode if the wrong code is entered or if the Mode/Advance switch is pressed for two seconds prior to entering all the digits.

Use the Set switch to increment the first digit of the code.	C 1
Use the Set switch to increment the second digit of the code.	C 1 .
Use the Set switch to increment the third digit of the code.	C . 1
Use the Set switch to increment the fourth digit of the code.	C . 1 .

After entering the code you are prompted to enter the receiver address. "A" is shown on the left of the display and the current address is shown on the right. Pressing the Set switch changes the address. The current address will be stored into memory when the Mode/Advance switch is pressed. Setup mode is exited when the Mode/Advance switch is pressed for two seconds.

Next, you are prompted to enter the number of addresses. The letter "n" is shown on the left of the display and the digit for the current number of addresses is shown on the right of the display. Pressing the Set switch changes the number of addresses. The current number of addresses will be stored into memory when the Mode/Advance switch is pressed. Setup mode is exited when the Mode/Advance switch is pressed for two seconds.

The next four items allow you to change each digit of your security code. The Set switch is used to increment the value of each digit. The Mode/Advance switch is used to enter each digit and advance to the next. **WARNING:** Once changed, there is no way to retrieve or reset this code, or get back into setup without using the newly changed code.

Next, the programmed characteristics of each transmitter are displayed. The transmitter number is shown in the LED Display. If no transmitter is programmed for an address, neither the Mode LED nor the Type LED will be lit. If a transmitter is programmed, the Mode LED indicates whether the transmitter sends restore transmissions and the Type LED shows whether the transmitter is supervised.

The Mode LED is on if the transmitter sends restore transmissions, and off if it doesn't.

The Type LED is on steady if the transmitter is supervised, and blinks if it isn't.

The Set switch is used to change the characteristics of a programmed transmitter. Each press of the Set switch cycles through each combination of supervised, sends restores, or no transmitter programmed.

The Mode/Advance switch is used to change to the next transmitter address. Setup mode is exited by pressing the Mode/Advance switch for two seconds.

### **TEACHING THE RECEIVER A TRANSMITTER ADDRESS**

If no transmitter is programmed for an address, a new transmitter may be programmed into that address by activating the desired transmitter. The activated transmitter will then be entered into that address. The transmitter must be activated by pressing the test button or by causing a violation transmission to be sent. Pressing one of the buttons on the transmitter activates the SX TX-9x series transmitters. Each button that will be used must be programmed as a separate transmitter. Supervisory restores, battery low, and tamper transmissions are not learned.

Based on the type of transmitter received, the receiver will try to set the supervisory and restore characteristics appropriately for that type of transmitter. These can be changed as desired using the Set switch.

SX TX-9x series hand-held transmitters are set to non-supervised, restoring. SX TMD-90 motion detectors are set to supervise, non-restoring. All other SX transmitters are set to supervise, restoring. All S1 transmitters are set to supervise, restoring. All Megacode Transmitters are set to non-supervised, non-restoring.

Once a transmitter is programmed into an address, the transmitter address will briefly turn off whenever a transmission from that transmitter is received. This can be used to verify that the correct transmitter has been programmed and is operating reliably.

**NOTE:** The controller ignores the current status of each transmitter while the receiver is in Setup mode.

## TRANSMITTER SETUP

- A. Press and hold the Mode/Advance button for two (2) seconds.
- B. Enter the code (default 1111).
  - To enter the first number of the code, press the SET button. "C1" will appear.
  - Press the Mode/Advance button to advance to the next code number.
  - Press the SET button. "C1." will appear (second number of the code).
  - Press the Mode/Advance button to advance to the next code number.
  - Press the SET button. "C.1" will appear (third number of the code).
  - Press the Mode/Advance button to advance to the next code number.
  - Press the SET button. "C.1." will appear (fourth number of the code).
- C. Press the Mode/Advance button to proceed and to save any changes.
- D. "A1" will appear. On OmniLT, Omni, and Omni II, "A1" is always used. On OmniPro and OmniPro II, the address will depend on the number of expansion enclosures used (see "OmniPro Setup" and "OmniPro II Setup" for more information).
- E. Press the Mode/Advance button to proceed and to save any changes.
- F. Next, "n1" will appear. The value of "n" will determine the number of addresses used.
- G. Press the Mode/Advance button to proceed and to save any changes.

**WARNING:** Items H-N are used to change the code for the wireless receiver. Once changed, there is no way to retrieve or reset this code, or get back into setup without using the newly changed code. Do not change this unless absolutely necessary. In such case, keep code in safe place.

- H. C1 will appear (the 1<sup>st</sup> number of the code). Pressing the SET button increments the number.
- I. Press the Mode/Advance button to proceed.
- J. "C1." will appear (2<sup>nd</sup> number of the code). Pressing the SET button increments the number.
- K. Press the Mode/Advance button to proceed.
- L. "C.1" will appear (3<sup>rd</sup> number of the code). Pressing the SET button increments the number.
- M. Press the Mode/Advance button to proceed.
- N. "C.1." will appear (4<sup>th</sup> number of the code). Pressing the SET button increments the number.
- O. Press the Mode/Advance button to proceed.
- P. "1" will appear (1<sup>st</sup> transmitter address). Trip the transmitter. When the 12A00 receives the transmission, the 12A00 will display the digit (transmitter address) with a dot on either side (the dots indicate the transmitter's characteristics).
- Q. Press the Mode/Advance button to proceed and to save the changes made.
- R. "2" will appear (2<sup>nd</sup> transmitter address). Trip the transmitter. When the 12A00 receives the transmission, the 12A00 will display the digit (transmitter address) with a dot on either side (the dots indicate the transmitter's characteristics).
- S. Press the Mode/Advance button to proceed and to save the changes made.
- T. Repeat for each transmitter address (1-64) until all transmitters have been programmed.

## RESETTING OR REMOVING A TRANSMITTER

To replace an existing transmitter, reset the characteristics of a transmitter, or remove a transmitter, enter setup mode as described under "Transmitter Setup" in this manual. When the transmitter address of the transmitter you are modifying appears on the display, remove the transmitter's characteristics by pressing the SET button until there are no dots (blinking or otherwise) on either side of the address number. The transmitter is now removed.

To replace the transmitter, simply trip the new transmitter. When the 12A00 receives the transmission, the 12A00 will display the digit (transmitter address) with a dot on either side (the dots indicate the transmitter's characteristics).

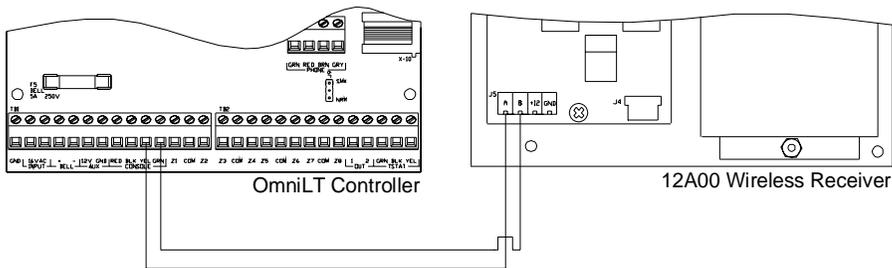
## RESET MEMORY

To erase all transmitters from memory and to reset to the factory default configuration, press and hold both the Set and Mode/Advance switches simultaneously for 2 seconds. You are first prompted to enter a code (as mentioned above). After the code is entered, the display will show "EE". If you choose to continue, press and hold the Set and Mode/Advance switches simultaneously for 2 seconds once again. Memory is reset at the end of the two seconds.

**NOTE:** If you choose not to reset memory at the "EE" display, don't press any keys for a 10 second period and the receiver will return to Run mode.

## CONNECTING TO OMNILT

Connect the "A" and "B" terminals of the 12A00 to the OmniLT (Yellow = A and Green = B). Connect the "+12" and "GND" terminals of the 12A00 to the "AUX 12V" and "AUX GND" terminals of the OmniLT, respectively.



## OMNILT SETUP

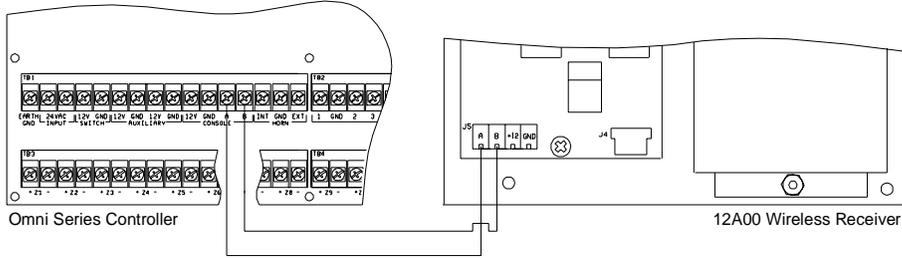
- A. On the console, enter the "Installer Setup" menu (press 9, installer code, then #). Press 2 for "Zones", then press 1 # ("Wireless Receiver?" Yes = 1).
- B. When connected to OmniLT, Zones 9-24 are the wireless receiver zones.
- C. When connected to OmniLT, the receiver address on the 12A00 **must** be set to "A1" and the number of addresses must be set to "n1".
- D. OmniLT can handle up to 4 transmitters per zone.

The chart below shows the relationship of each wireless transmitter on the 12A00 Wireless Receiver to each zone on the OmniLT.

<b>Zones on OmniLT</b>	<b>Transmitter Numbers on Wireless Receiver</b>			
Zone 09	1	17	33	49
Zone 10	2	18	34	50
Zone 11	3	19	35	51
Zone 12	4	20	36	52
Zone 13	5	21	37	53
Zone 14	6	22	38	54
Zone 15	7	23	39	55
Zone 16	8	24	40	56
Zone 17	9	25	41	57
Zone 18	10	26	42	58
Zone 19	11	27	43	59
Zone 20	12	28	44	60
Zone 21	13	29	45	61
Zone 22	14	30	46	62
Zone 23	15	31	47	63
Zone 24	16	32	48	64

## CONNECTING TO OMNI / OMNIPRO

Connect the "A" & "B" terminals of the 12A00 to the "A" & "B" terminals under the section marked "Consoles" on the controller. Connect the "+12" and "GND" terminals of the 12A00 to the "AUXILIARY 12V" and "AUXILIARY GND" terminals on the controller, respectively.



## OMNI SETUP

- A. On the console, enter the "Installer Setup" menu (press 9, installer code, then #). Press 2 for "Zones", then press 1 # ("Wireless Receiver?" Yes = 1).
- B. When connected to Omni, Zones 17-32 are the wireless receiver zones.
- C. When connected to Omni, the receiver address on the 12A00 **must** be set to "A1" and the number of addresses must be set to "n1".
- D. Omni can handle up to 4 transmitters per zone

The chart below shows the relationship of each wireless transmitter on the 12A00 Wireless Receiver to each zone on the Omni.

<b>Zones on Omni</b>	<b>Transmitter Numbers on Wireless Receiver</b>			
Zone 17	1	17	33	49
Zone 18	2	18	34	50
Zone 19	3	19	35	51
Zone 20	4	20	36	52
Zone 21	5	21	37	53
Zone 22	6	22	38	54
Zone 23	7	23	39	55
Zone 24	8	24	40	56
Zone 25	9	25	41	57
Zone 26	10	26	42	58
Zone 27	11	27	43	59
Zone 28	12	28	44	60
Zone 29	13	29	45	61
Zone 30	14	30	46	62
Zone 31	15	31	47	63
Zone 32	16	32	48	64

## OMNIPRO SETUP

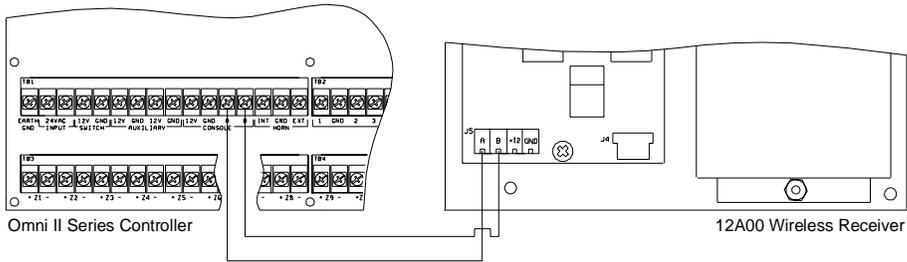
- A. When connected to an OmniPro, the 12A00 is recognized as an Expansion Enclosure. The 12A00 can handle up to 64 wireless zones, in groups of 16. Each group of 16 zones is considered 1 Expansion Enclosure.
- B. On the OmniPro console, enter the “Installer Setup” menu (press 9, installer code, then #). Press 2 for “Zones”. Press the down arrow once, then enter the number of expansion enclosures (groups of 16 wireless zones) being used.
- C. The wireless zones on the OmniPro start on Zone 33 (if no hardwire expansion enclosures are used).
- D. The 12A00 address is set at 1 (A1) (if no hardwire expansion enclosures are used).
- E. If the OmniPro has 1 hardwire expansion enclosure, the wireless zones start on Zone 49. The 12A00 address is then set to 2 (A2).
- F. If the OmniPro has 2 hardwire expansion enclosures, the wireless zones start on Zone 65. The 12A00 address is then set to 3 (A3).
- G. If the OmniPro has 3 hardwire expansion enclosures, the wireless zones start on Zone 81. The 12A00 address is then set to 4 (A4).

The chart below describes where each group of wireless transmitters (groups of 16) on the 12A00 Wireless Receiver relates to each group of zones (groups of 16) on the OmniPro in accordance with the number of addresses assigned (n1-4).

<b>Zones on OmniPro (in groups of 16)</b>				
	<b>Zones 33-48</b>	<b>Zones 49-64</b>	<b>Zones 65-80</b>	<b>Zones 81-96</b>
n1	Transmitters: 1-16, 17-32, 33-48, and 49-64			
n2	Transmitters: 1-16 and 33-48	Transmitters: 17-32 and 49-64		
n3	Transmitters: 1-16 and 49-64	Transmitters: 17-32	Transmitters: 33-48	
n4	Transmitters: 1-16	Transmitters: 17-32	Transmitters: 33-48	Transmitters: 49-64

## CONNECTING TO OMNI II / OMNIPRO II

Connect the "A" & "B" terminals of the 12A00 to the "A" & "B" terminals under the section marked "Consoles" on the controller. Connect the "+12" and "GND" terminals of the 12A00 to the "AUXILIARY 12V" and "AUXILIARY GND" terminals on the controller, respectively.



## OMNI II SETUP

- E. On the console, enter the "Installer Setup" menu (press 9, installer code, then #). Press 2 for "Zones", then press 1 # ("Wireless Receiver?" Yes = 1).
- F. When connected to Omni II, Zones 33-48 are the wireless receiver zones.
- G. When connected to Omni II, the receiver address on the 12A00 **must** be set to "A1" and the number of addresses must be set to "n1".
- H. Omni II can handle up to 4 transmitters per zone

The chart below shows the relationship of each wireless transmitter on the 12A00 Wireless Receiver to each zone on the Omni.

<b>Zones on Omni II</b>	<b>Transmitter Numbers on Wireless Receiver</b>			
Zone 33	1	17	33	49
Zone 34	2	18	34	50
Zone 35	3	19	35	51
Zone 36	4	20	36	52
Zone 37	5	21	37	53
Zone 38	6	22	38	54
Zone 39	7	23	39	55
Zone 40	8	24	40	56
Zone 41	9	25	41	57
Zone 42	10	26	42	58
Zone 43	11	27	43	59
Zone 44	12	28	44	60
Zone 45	13	29	45	61
Zone 46	14	30	46	62
Zone 47	15	31	47	63
Zone 48	16	32	48	64

## OMNIPRO II SETUP

- H. OmniPro II can have two 12A00 Wireless Receivers connected. When connected to an OmniPro II, the 12A00 is recognized as an Expansion Enclosure. Each 12A00 can handle up to 64 wireless zones, in groups of 16. Each group of 16 zones is considered 1 Expansion Enclosure (8 Expansion Enclosures maximum).
- I. On the OmniPro II console, enter the “Installer Setup” menu (press 9, installer code, then #). Press 2 for “Zones”. Press the down arrow once, then enter the number of expansion enclosures (groups of 16 wireless zones) being used.
- J. The wireless zones on the OmniPro II start on Zone 49 (if no hardwire expansion enclosures are used).
- K. The 12A00 address is set at 1 (A1) (if no hardwire expansion enclosures are used).
- L. If the OmniPro II has 1 hardwire expansion enclosure, the wireless zones start on Zone 65. The 12A00 address is then set to 2 (A2).
- M. If the OmniPro II has 2 hardwire expansion enclosures, the wireless zones start on Zone 81. The 12A00 address is then set to 3 (A3).
- N. If the OmniPro II has 3 hardwire expansion enclosures, the wireless zones start on Zone 97. The 12A00 address in then set to 4 (A4).
- O. If the OmniPro II has 4 hardwire expansion enclosure, the wireless zones start on Zone 113. The 12A00 address is then set to 5 (A5).
- P. If the OmniPro II has 5 hardwire expansion enclosures, the wireless zones start on Zone 129. The 12A00 address is then set to 6 (A6).
- Q. If the OmniPro II has 6 hardwire expansion enclosures, the wireless zones start on Zone 145. The 12A00 address in then set to 7 (A7).
- R. If the OmniPro II has 7 hardwire expansion enclosures, the wireless zones start on Zone 161. The 12A00 address in then set to 8 (A8).

**NOTE:** If two 12A00 Wireless Receivers are connected, the first 12A00 must be addressed between 1-4 (A1-A4), and the second must be addressed between 5-8 (A5-A8).

The charts below describe where each group of wireless transmitters (groups of 16) on the 12A00 Wireless Receiver relates to each group of zones (groups of 16) on the OmniPro II in accordance with the number of addresses assigned (n1-4).

<b>Zones on OmniPro II (in groups of 16) when 12A00 is set to address "A1"</b>				
	<b>Zones 49-64</b>	<b>Zones 65-80</b>	<b>Zones 81-96</b>	<b>Zones 97-112</b>
n1	Transmitters: 1-16, 17-32, 33-48, and 49-64			
n2	Transmitters: 1-16 and 33-48	Transmitters: 17-32 and 49-64		
n3	Transmitters: 1-16 and 49-64	Transmitters: 17-32	Transmitters: 33-48	
n4	Transmitters: 1-16	Transmitters: 17-32	Transmitters: 33-48	Transmitters: 49-64

<b>Zones on OmniPro II (in groups of 16) when 12A00 is set to address "A5"</b>				
	<b>Zones 113-128</b>	<b>Zones 129-144</b>	<b>Zones 145-160</b>	<b>Zones 161-176</b>
n1	Transmitters: 1-16, 17-32, 33-48, and 49-64			
n2	Transmitters: 1-16 and 33-48	Transmitters: 17-32 and 49-64		
n3	Transmitters: 1-16 and 49-64	Transmitters: 17-32	Transmitters: 33-48	
n4	Transmitters: 1-16	Transmitters: 17-32	Transmitters: 33-48	Transmitters: 49-64

## HAI CONTROLLER INDICATIONS

When the condition of a transmitter changes state, the HAI console will display that condition as follows:

<b>Transmitter Condition</b>	<b>OmniLT - Omni - OmniPro</b>
When a transmitter (zone) is violated	Zone Name "NOT RDY"
When a cover is removed from a transmitter	Zone Name "NOT RDY"
When a supervisory failure is reported	Zone Name "TRBL NOW"
When a battery low is reported	Zone Name "HAD TRBL"

## **FCC NOTICE**

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Verified to comply with the limits of a Class B digital device pursuant to Part 15 of the FCC Rules.

## QUICK-REFERENCE SETUP GUIDE

To Enter Setup mode, press and hold the Mode/Advance switch for 2 seconds.

DISPLAY	DESCRIPTION	SET SWITCH	MODE/ADVANCE SWITCH
C 0	Enter the first digit of the code	Increments the digit (0-9)	Advances to the next digit
C 0 .	Enter the second digit of the code	Increments the digit (0-9)	Advances to the next digit
C .0	Enter the third digit of the code	Increments the digit (0-9)	Advances to the next digit
C .0 .	Enter the fourth digit of the code	Increments the digit (0-9)	Advances to the next item
A 1	Enter the receiver address	Changes the current address (1-8)	Advances to the next item
n 1	Enter number of addresses	Changes number of addresses (1-4)	Advances to the next item
C 1	Displays the first digit of the code	Changes the current digit (0-9)	Advances to the next digit
C 1 .	Displays the second digit of the code	Changes the current digit (0-9)	Advances to the next digit
C .1	Displays the third digit of the code	Changes the current digit (0-9)	Advances to the next digit
C .1 .	Displays the fourth digit of the code	Changes the current digit (0-9)	Advances to the next item
1	Displays the status of transmitter 1	Changes characteristics of transmitter	Advances to the next transmitter
2	Displays the status of transmitter 2	Changes characteristics of transmitter	Advances to the next transmitter
3	Displays the status of transmitter 3	Changes characteristics of transmitter	Advances to the next transmitter

Characteristics of Transmitters:

DISPLAY	MODE LED	TYPE LED	DESCRIPTION OF THE DISPLAY
1	OFF	OFF	No transmitter is programmed at this address
1*	OFF	BLINKS	This transmitter is not supervised and doesn't send restore transmissions
.1*	ON	BLINKS	This transmitter is not supervised but sends restore transmissions
1.	OFF	ON	This transmitter is supervised but doesn't send restore transmissions
.1.	ON	ON	This transmitter is supervised and sends restore transmissions

To reset memory, press and hold the Set and Mode/Advance switches together for 2 seconds.

DISPLAY	DESCRIPTION	SET SWITCH	MODE/ADVANCE SWITCH
C 0	Enter the first digit of the code	Increments the digit (0-9)	Advances to the next digit
C 0 .	Enter the second digit of the code	Increments the digit (0-9)	Advances to the next digit
C .0	Enter the third digit of the code	Increments the digit (0-9)	Advances to the next digit
C .0 .	Enter the fourth digit of the code	Increments the digit (0-9)	Advances to the next item
E E	Erase EEPROM ? (Reset Memory)	Press and hold Set & Mode/Advance switches together for 2 seconds	