

# DXS-81



## WIRELESS CASH DRAWER BILL TRAP TRANSMITTER



### Installation Instructions



(619) 438-7000 • FAX (619) 438-7043  
USA & Canada (800) 421-1587 & (800) 392-0123  
Toll Free FAX (800) 468-1340

### PRODUCT DESCRIPTION

The DXS-81 is a battery powered cash drawer bill trap with a built-in transmitter designed for use with Linear's DX Format receivers. This transmitter can be used in a variety of retail hold-up applications.

The DXS-81 is concealed in a cash drawer under a stack of currency, with a single "bait" bill secured in its money clip. During a hold-up, the cashier removes the stack of currency along with the "bait" bill. When a "bait" bill is removed, the transmitter sends a 1-second digitally coded wireless signal to its companion receiver. Four additional 1-second signals are sent within the first minute after the "bait" bill is removed. When the "bait" bill is replaced, a restore signal is sent.

The jumper located under the battery door can be set to "ON" which will send an hourly status signal or to "OFF" which will send a signal only after an hour if the DXS-81 senses cash drawer motion.

The digital DX code format features over a million possible codes. The DX transmitters are precoded at the factory to unique codes, so no field coding is required. The DXS-81 can send three different signals: alarm, restore and low battery.

For versatility, any transmitter can be programmed into any receiver channel. Receivers must be programmed to the transmitter's code before system testing and operation. Refer to the receiver's instructions for details on programming.

The transmitter has a red test indicator which lights when a bill is in the trap and the test button is pressed. It also lights when the "bait" bill is inserted into the trap. **For safety, the indicator doesn't light when the "bait" bill is removed.** The test indicator will not light when pressing the test button with the "bait" bill removed.

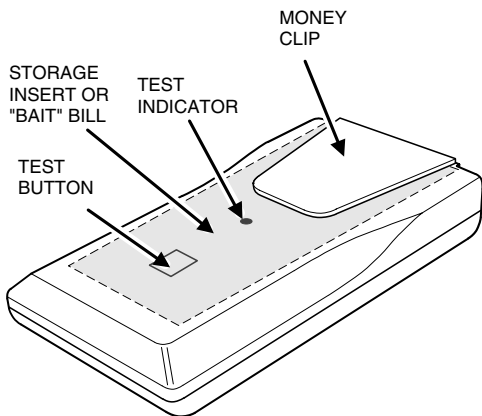
The test button is disabled for 60-seconds after removing the "bait" bill. Pressing the test button *without* a bill in the trap sends an alarm signal. Pressing the test button *with* a bill in the trap sends a restore signal.

The unit is powered from two 3-Volt lithium batteries with an expected battery life of up to two years. When the batteries get low, the test indicator will flash when the test button is pressed or when the bait bill is replaced.

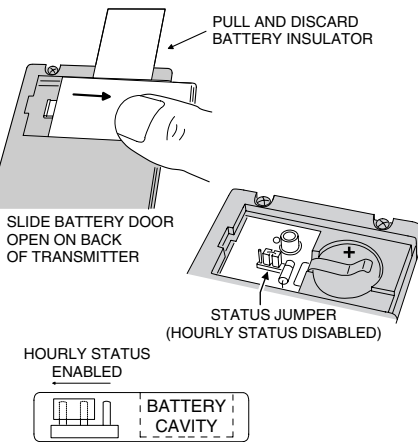
**NOTE: Do not store the unit without a "bait" bill or storage insert in the money clip. Battery life will be reduced.**

Inside the transmitter is a rolling ball that detects when the cash drawer opens and closes. In the "OFF" mode this determines when status transmissions are sent. Because the transmitter's signal might be shielded in a closed cash drawer, the status signals are sent when the drawer is opened. In the "ON" mode, the DXS-81 transmits status signals once per hour regardless of motion. Some DX receivers can receive low battery signals, others cannot (see receiver instructions).

### DXS-81 FEATURES



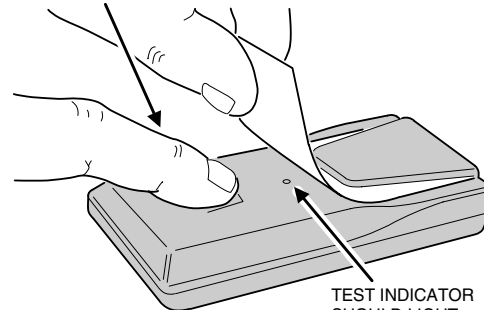
### TRANSMITTER SETUP



### PROGRAM SYSTEM

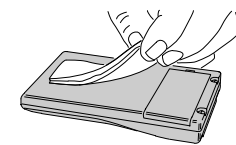
#### PREPARE RECEIVER FOR PROGRAMMING

#### PRESS TEST BUTTON WITH STORAGE INSERT UNDER MONEY CLIP

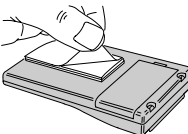


### INSTALL BILL TRAP

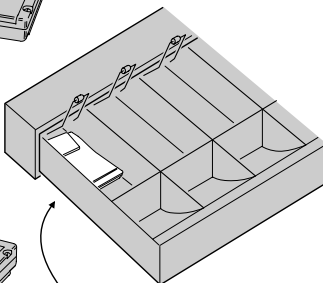
STICK VELCRO TO BACK OF UNIT (DON'T COVER BATTERY DOOR)



PEEL OFF BACKING

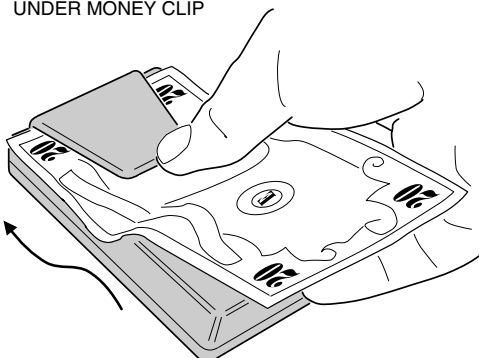


STICK TRANSMITTER INTO CASH DRAWER TRAY



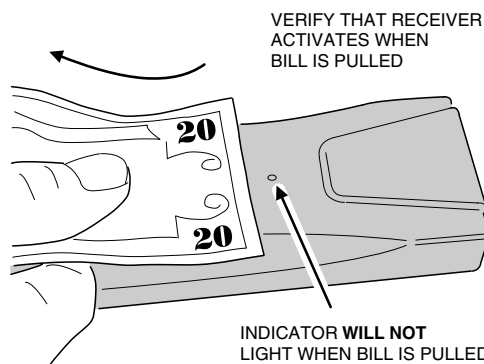
### INSERT BAIT BILL

REMOVE STORAGE INSERT AND SLIDE BAIT BILL UNDER MONEY CLIP



### TEST SYSTEM

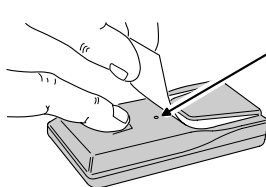
PULL BAIT BILL FROM MONEY CLIP



VERIFY THAT RECEIVER ACTIVATES WHEN BILL IS PULLED

INDICATOR WILL NOT LIGHT WHEN BILL IS PULLED

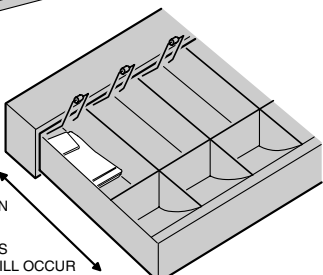
### LOW BATTERY OPERATION



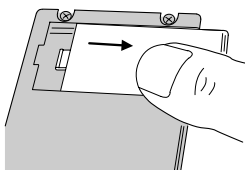
WHEN BATTERIES GET LOW TEST INDICATOR WILL BLINK WHEN TEST BUTTON IS PRESSED

TRANSMITTER MOTION SENSOR DETECTS WHEN DRAWER IS OPEN

AUTOMATIC STATUS TRANSMISSIONS WILL OCCUR

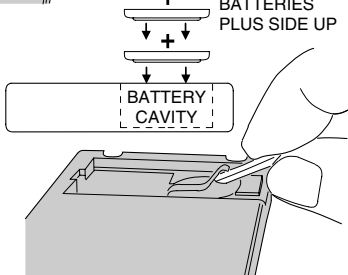


### BATTERY REPLACEMENT



SLIDE BATTERY DOOR OPEN ON BACK OF TRANSMITTER

INSERT TWO TYPE 2032 BATTERIES PLUS SIDE UP



### LINEAR LIMITED WARRANTY

This Linear product is warranted against defects in material and workmanship for twelve (12) months. The Warranty Expiration Date is labeled on the product. **This warranty extends only to wholesale customers who buy direct from Linear or through Linear's normal distribution channels. Linear does not warrant this product to consumers.** Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any. **There are no obligations or liabilities on the part of Linear corporation for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation.** All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until Warranty Expiration Date as labeled on the product. **This Linear Corporation Warranty is in lieu of all other warranties express or implied.** For warranty service on Linear equipment return product, at sender's expense to:

Linear Corporation Repairs Department  
2580 Pioneer Avenue, Suite C  
Vista, CA 92083

#### IMPORTANT !!!

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.

A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.

Changes or modifications to the device may void FCC compliance. Infrequently used radio links should be tested regularly to protect against undetected interference or fault.

A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.