

SpreadNet®

Model SN973-MONEY RF Cash Register- Money Clip Transmitter Installation Instructions

The SpreadNet Model SN973-MONEY Cash Register Money Clip Transmitter is a truly universal transmitter.

By using Spread Spectrum technology, the SN973-MONEY transmitter provides higher power, lower noise levels, less interference, and longer range than obtainable with most single-frequency RF transmitters, resulting in increased reliability. The SN973-MONEY is designed to operate in any cash register's bill slot. The SN973-MONEY is designed to have an American currency bill slid under the retaining clip and up against the rear stop ring. When this bill is removed, the transmitter will send an alarm signal to the SpreadNet Receiver. The unit also has a tamper switch associated with the battery compartment door. Opening the door of the battery compartment will cause the transmitter to send a tamper alarm to the SpreadNet Receiver.

FEATURES:

- Spread Spectrum Technology
- Simple Installation
- Silent Operation
- Lithium Batteries (Included)
- EEPROM Memory
- Programmable Check-In Rate
- Cover Tamper Switch
- up to 5-year Battery Life

MOUNTING LOCATION

The SN973-MONEY Transmitter may be mounted in a cash register in virtually any location. The SN973-MONEY is designed to operate within the metal enclosure of a cash register without significantly restricting its range. When installing the transmitter, select the location and temporarily mount the unit while verifying reception of the RF signal. (See "Scan for One Transmitter" in the SN900-PROG RF Programming Manual P/N 5-051-136-00.)

MOUNTING PROCEDURE

The SN973-MONEY Transmitter easily drops into any money slot in the cash register for easy installation, no permanent mounting is required.

BATTERY ACTIVATION

The final step prior to programming and testing the transmitter is to activate the batteries. This is accomplished by removing the Battery Activator Tab. See Figure 2 for location of the Tab.

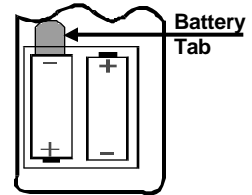
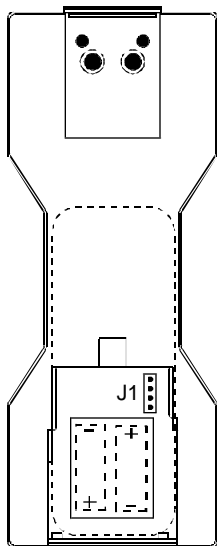


Figure 2 - Battery Tab Location

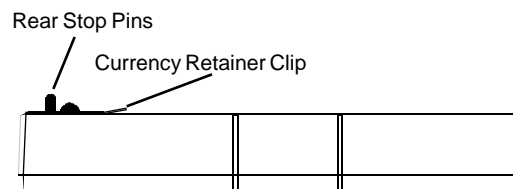
Note: For continued reliability, test the SN973-MONEY at least once per year.

To program the SN973-MONEY Transmitter, refer to the SN 900-PROG Programming Manual (P/N 5-051-136-00).

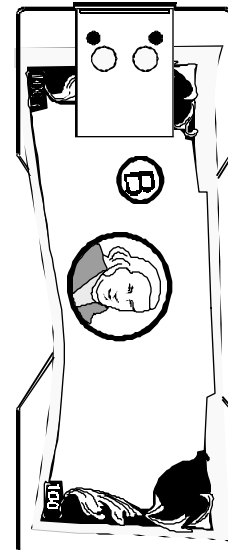
Figure 1 - SN973-MONEY Transmitter



SN973-MONEY
Battery & Programming
Jack placement



SN973 Side View (Bill Not Installed)



SN973-MONEY with
Currency Inserted

Transmitter Device ID

After the SN973-MONEY has been programmed and tested, fill out the Transmitter Device I.D. Label (included in the installation package) and mount the label on top of the transmitter, near the clip.

A sample of a completed Transmitter Device ID Label is shown below:

P. CODE	0253
CHANNEL	2
ZONE	01
DEVICE	01
CHECK-IN	20
BATTERY	4/27/93

P. CODE - The System Property Code.
CHANNEL - Spread Spectrum selected by the system.
ZONE - Control panel zone number associated with the transmitter.
DEVICE - The number of the device associated with the zone.*
CHECK-IN - Supervisory interval (in seconds)
BATTERY - Date batteries installed

* For systems using the SN910-RCVI/O, this value must be 1. If additional devices are installed on the same zone, only one device will be supervised. Also, systems having more than one device per zone cannot determine which device generated the alarm, low battery, or supervisory failure.

FCC NOTICE

The Model SN973-MONEY Transmitter generates and uses radio frequency energy. If not installed and used in accordance with the manufacturer's instructions, they may cause interference to radio and television reception. The SN973-MONEY Transmitter has been tested and found to comply with the specifications in Part 15 of FCC Rules for Class B Computing Devices and FCC Part 15 Subpart C, Specifications for Intentional Spread Spectrum Radiators.

If this equipment causes interference to radio or television reception - which can be determined by turning the equipment on and off - the installer is encouraged to correct the interference by one or more of the following measures: 1) Reorient the antenna of the radio/television. 2) Connect the AC transformer to a different outlet so the control panel and radio/television are on different branch circuits. 3) Relocate the control panel with respect to the radio/television.

If necessary, the installer should consult an experienced radio/television technician for additional suggestions, or send for the "Interference Handbook" prepared by the Federal Communications Commission. This booklet is available from the U.S. Government Printing Office, Washington D.C., 20402, stock number 004-000-00450-7.

CAUTION: C&K does not support field changes or modifications to any of the SpreadNet RF equipment unless they are specifically covered in this manual. All adjustments must be made at the factory under the specific guidelines set forth in our manufacturing processes. Any modification to the equipment could void the user's authority to operate the equipment and render the equipment in violation of FCC Part 15, Subpart C, 15.247.

This device complies with Part 15 of the FCC Rules. 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.

Specifications

- **Dimensions:**
Transmitter:
6.25" l x 2.25" w x 1.25" d
(15.9 cm x 5.7 cm x 3.2 cm)
- **Input Power:**
two 3.6VDC 1/2AA lithium batteries (included)
- **Supervisory Rate:**
30 - 300 sec (10 sec intervals)
0 is unsupervised
- **Replace Batteries only with**
C&K Model # SN31L-BAT
SAFT Model # LS3, LS14250
Tadiran Model # TL-2150/S
- **Operating Environment:**
32° to 140° F (0° to 60° C);
up to 95% relative humidity
(non-condensing)
- **Operating Frequency:**
902 - 928 MHz Spread Spectrum
- **RF Emission Standards:**
USA: FCC Part 15
CANADA: Industry Canada
- **Weight:**
4 oz. (113 g)

NOTE: Batteries should be replaced following a low battery indication or every 5 years, whichever occurs first.

Industry Canada Notice

This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus meets all requirements for the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Note: The contents of this manual have been revised. For your convenience, dashed lines have been added to the margins of the document to show the locations of the changes.