Programming the IDX Acceptor

The Portal, Sentinel, and Wash Select II entry units come equipped with an IDX coin acceptor, which accepts either U.S. quarters or dollar coins. The entry units will also accept site-specific tokens.
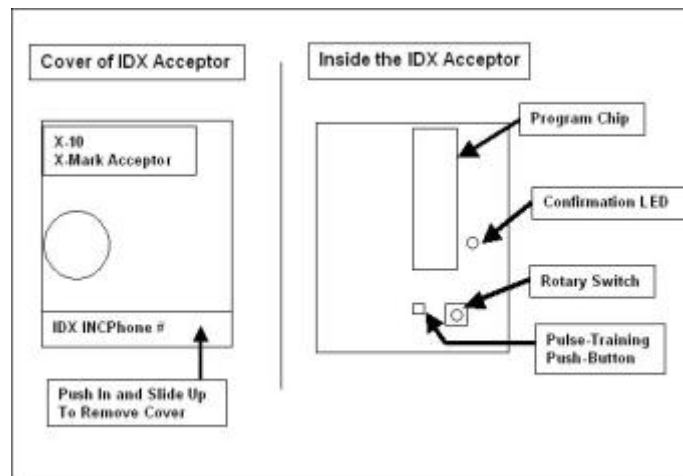
In order to complete the programming you must have six of each of the tokens and coins you wish to accept. It is very important that you follow these directions exactly. The IDX acceptor will average the variances in these different sample coins during programming, and calculate a more accurate reference model. Using less than six different coins will invalidate the average variance generated by this process.

✍	**Note:**	The IDX can ONLY be programmed with the Portal TI at the **Test Devices - Test Coin Acceptor screen**. When inserting coins into the IDX, you must be sure to close the cover completely.

Please refer to the block diagrams shown below while programming the IDX coin acceptor.

Figure 1. Outside/ Inside of the IDX

You must answer the following questions before proceeding with the programming of the IDX coin acceptor.

- Do you want to accept tokens?
- How many different tokens will your site have?
- How much will each token be worth?

Refer to the following table to determine which rotary-switch position corresponds to a particular coin output.

Table 1. IDX Program Configuration

Coins	IDX Rotary Switch Position	Signal Line	Number of Output Pulses
Token 1	1	3	Determined by User
Token 2	2	3	Determined by User
Token 3	3	3	Determined by User
Token 4	4	3	Determined by User
$1-Coin	5	2	1
Quarters	6	1	1

Programming the IDX to Accept $1 Coins

The number of pulses is programmed by pressing the push-button the desired number of times prior to insertion of the sample/programming coins.

1. Set the rotary-switch to the position labeled number 5.

2. Press the button located immediately to the left of the switch once.

3. Drop six different dollar coins through the acceptor and verify that the light (LED) blinks after the last coin has been entered.

4. Move the rotary switch back to the position labeled '0'.

Programming the IDX to Accept Quarters

Follow the steps below to program the IDX to accept quarters.

1. Remove the front cover by pushing it in and up from the bottom right corner of the main body. (This is located near the phone number.)

2. Locate the rotary-switch and set it to the position labeled number 6.

3. Press the button located immediately to the left of the switch once.

4. Drop six different quarters through the acceptor and verify that the light (LED) blinks after the last quarter has been entered.

5. Move the rotary switch back to the position labeled '0'.

Site-Specific Tokens

Before you begin programming, be sure that you have six of each token you plan to program. You are responsible for supplying your own bi-metal tokens. Tokens are not available through Unitec.

The Coin Acceptor accepts tokens ranging in size from .984" – 1.125" in diameter. When programming site-specific tokens, it is important that you take into consideration the following items:

- Tokens with a diameter of .984" are commonly used at nationwide arcade/pizza stores. The IDX coin acceptor will accept these tokens if your site-specific token is the same size.
- Compare your token size with any local arcade tokens prior to programming the IDX coin acceptor to accept your site token.

The IDX acceptor can be programmed to accept up to four different tokens. The value for each token is programmed in the Portal software based on how many pulses are sent on the token line.

To program the IDX to accept a single token, follow the instructions below.

1. Set the rotary-switch to position 1, 2, 3, or 4.

2. Press the button immediately to the left of the rotary-switch one or more times depending on the number of pulses you want that token to send.

3. Drop six sample tokens through the coin slot one at a time, and verify that the red light (LED) blinks several times after the last token has been entered.

4. Reset the rotary-switch to "0" and replace the front cover.

If more tokens are required, refer to Programming the IDX Acceptor to get the switch locations for that particular token, and then press the push-button the number of times that is equal to the number of pulses to be sent for that token.

Erasing IDX Programming

If you need to erase programming or start over, use the following procedure:

1. Remove the front cover from the IDX acceptor.

2. Set the rotary switch to the position that corresponds to the coin you wish to re-program or erase.

3. Depress the button located immediately to the right of the rotary switch only once.

4. Return the rotary switch to zero without passing any coins through the acceptor. This will erase the program that has been stored for that number.

5. Return the front cover to the IDX.