

Set-Up/Service Instructions

Purpose Of This Manual

This manual provides instructions for jumper settings required to interface with Gilbarco equipment.

Safety Information



Read the personal safety information in the MS700 Projection Scanner Installation Manual provided by Metrologic.

Parts List

PA02710000

Part No.	Description	Qty.
K94195-05	Scanner and Adapter Cable	1
Q12651-01	Data Cable/Power Supply Assy.	1
Q12651-02	Adjustable Mount Stand	1
Q12651-13*	Adapter Cable, MS700f To MS700i	1

*When using a MS700 Scanner to replace a MS700i Scanner, install cable Q12651-13. This cable adapts the 15 pin configuration of the MS700 Scanner to the 25 pin configuration of the MS700i data cable.

Jumper Setting Instructions

DS4		DS3		DS2		DS1	
1	Off	1	Off	1	On	1	On
2	Off	2	Off	2	On	2	Off
3*	On	3	Off	3	Off	3	Off
4**	On	4	Off	4	Off	4	Off
		5	Off	5	On	5	On
		6	Off	6	Off	6	Off
		7	On	7	On	7	Off
		8	On	8	On	8	On

*SW3 = On sets scanner to turn off after 30 minutes of non-use. SW3 = Off sets time out to 10 minutes. **SW4 may not be present in all units.

Testing The Scanner

Test 1:

Scan item with data cable NOT connected to TCR™-15 console. Test passes if scanner beeps and the red LED flashes.

Test 2:

Scan item with data cable connected to TCR-15 console (PLU/PLC data must first be entered into console in Program/Mnager Mode). The scanner fails the test if:

- the scanner does not beep and the red LED does not flash
- the scanner beeps and the red LED flashes, but the TCR-15 does not respond or displays a UPC/PLU Scan Error

Phone Questions

1. Is green light on? If not, place your hand on area near LEDs to turn scanner on.
2. Has the scanner worked in the past?
3. Is the scanner glass clean? If not, have cashier clean glass and scan item again.
4. Has Item Information programming been checked to assure item status is Valid.
5. Did the cashier try to scan another item? If not, have the cashier scan another item.
6. Did scanner beep or blink (red LED) when item was scanned?
7. When the item was scanned, did UPC NOT FOUND display on console screen? If it did, the UPC number is not programmed in the system. Have manager program the UPC number and do updates.
8. Before the scanner stopped working, did the cashier have to scan an item several times before the scanner detected the item? If a UPC/PLU Scan Error is displayed, expect a hardware problem.

Visiting The Site

When a service call is required, take the following equipment to the site with you:

New Scanner and Scanner Data Cable

TCR-15 Logic Board

TCR-15 I/O Chassis

TCR-15 Console Firmware. For W02096 logic board: V30.8 (or greater) for 522 printer or V40.1 (or greater) for 2666 printer. For W02462 console logic board, all versions of 10.X and 20.X are compatible.

1. Review phone questions. If scanner does not work, go to Step 2.
2. Check TCR-15 console firmware. If the version of firmware installed is not correct, replace firmware. If the correct firmware is installed, go to Step 3.
3. Perform Scanner Test 1 on existing scanner. If scanner fails test, replace scanner. If scanner passes test, go to Step 4.
4. Perform Scanner Test 2 on existing scanner. If scanner fails test, proceed with Step 5.
5. Place new scanner on counter. Perform Scanner Tests. If new scanner passes tests, install new scanner on counter. If new scanner fails tests, go to Step 6.
6. Replace TCR-15 console logic board. Perform Scanner Tests with existing scanner. If scanner fails tests, go to Step 7.
7. Replace TCR-15 I/O Chassis. Perform Scanner Tests with existing scanner. If scanner fails tests, perform above steps again.