



New RF Gun Capabilities Puts Paladin in Your Hands

Charles Owen

Chief eXperience Officer

May 14, 2024

WHAT YOU'LL LEARN

- About the Worth 7000 Series RF Terminals
- How it works
- Capabilities and uses
- 15-line enhancement
- Setting up dynamic prompts
- Activating the 15-line display and dynamic prompts
- Sign on with 15-line display
- Choosing RF Unit 15-line modes
- Overwrite or Append Stock on Hand modes

1. Build working PO
2. Clearance
3. Low on Stock
4. Suggested Order
5. Shrinkage
6. Receive PO – non-EDI
7. GMROI
8. Waste

About the Worth 7000 Series RF Terminals



- The 7000 Series RF (radio frequency) Terminal System includes a built-in bar code scanner and a radio that extends the working range to over 3.3 miles.
- Highlights include:
 - 15-line TFT Color LCD display
 - Rugged high reliability housing that is light weight and small size for easy portability
 - Li-ion rechargeable batteries and optional ergonomic gun style handle

How it works



- Connects to Paladin in real-time
- Changes are instantaneous
- There are various optional settings
 - Require login or not
 - Bin tag or item tag label settings
 - Hide cost and/or retail on screen

Capabilities and uses

BENEFITS



- Capabilities
 - Reviewing your inventory
 - Cycle counting
 - Ordering/Receiving
 - Managing retail prices
 - Generating bin tags
 - Assigning location codes
 - Assigning alternate part numbers
- Benefits
 - Easily review and maintain your largest investment in real-time.



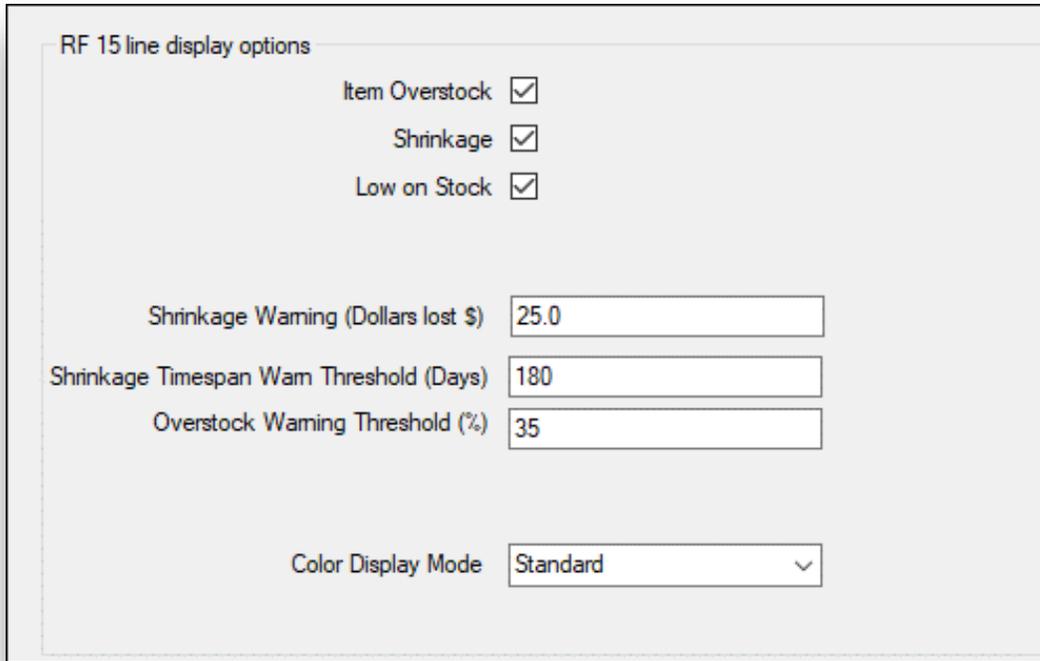
Featuring the new
Dynamic
Prompts & 15-line
Display Option

15-line enhancement



- RF Unit 15-line functionality introducing **dynamic prompts**, an enhancement to the current 6-line functionality offering visual and audio inventory management warnings and advice.
- All current functions of the RF Unit in Paladin remain the same.
- Clients currently using the RF 6-line functionality have the option to continue using that functionality or utilize the RF 15-line dynamic prompts.

Setting up dynamic prompts



RF 15 line display options

Item Overstock

Shrinkage

Low on Stock

Shrinkage Warning (Dollars lost \$)

Shrinkage Timespan Warn Threshold (Days)

Overstock Warning Threshold (%)

Color Display Mode

Note: Voice prompts are emitted based on thresholds you set for the dynamic prompts.

- To set the **dynamic prompts** and display:
 - From the main menu, select **File > Setup**.
 - Select the **Company** tab.
 - In the RF Terminals pane, select the options under **RF 15-line display options**.
- The dynamic prompts are:
 - Item Overstock
 - Shrinkage
 - Low on Stock
- The **Item Overstock** prompt is determined by the client entering a percentage value in the **Overstock Warning Threshold (%)** field.

Setting up dynamic prompts (cont'd)

RF 15 line display options

Item Overstock

Shrinkage

Low on Stock

Shrinkage Warning (Dollars lost \$)

Shrinkage Timespan Warn Threshold (Days)

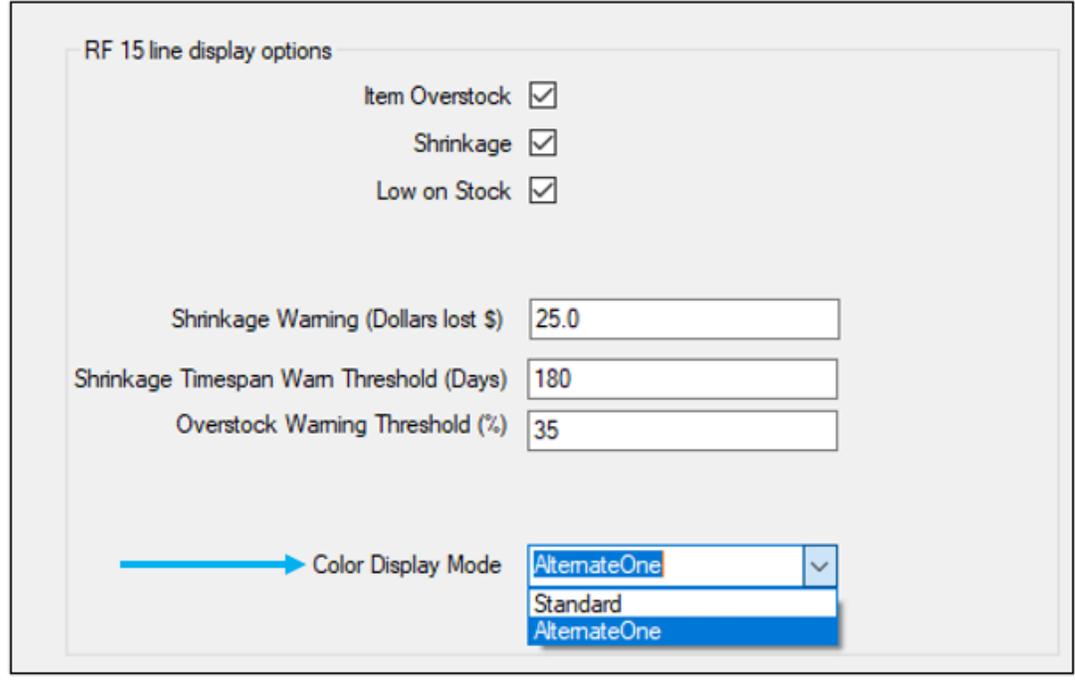
Overstock Warning Threshold (%)

Color Display Mode

- The **Shrinkage** prompt is given when there is excessive loss. Paladin sets the following default values that the client can override.
 - Shrinkage warning (Dollars Lost \$). The default set by Paladin is \$25, which can be adjusted by the client.
 - Shrinkage Timespan Warn Threshold (Days). The default set by Paladin is 180 days, which can be modified by the client.
 - Overstock Warning Threshold (%). By default, this is 35 percent and can be modified by the client.
- The Low-on-Stock Threshold prompt appears when stock needs are below expected quantity.

Note: Items not performing can be considered for a **clearance**.

Setting up dynamic prompts (cont'd)



RF 15 line display options

Item Overstock

Shrinkage

Low on Stock

Shrinkage Warning (Dollars lost \$)

Shrinkage Timespan Warn Threshold (Days)

Overstock Warning Threshold (%)

Color Display Mode

AlternateOne

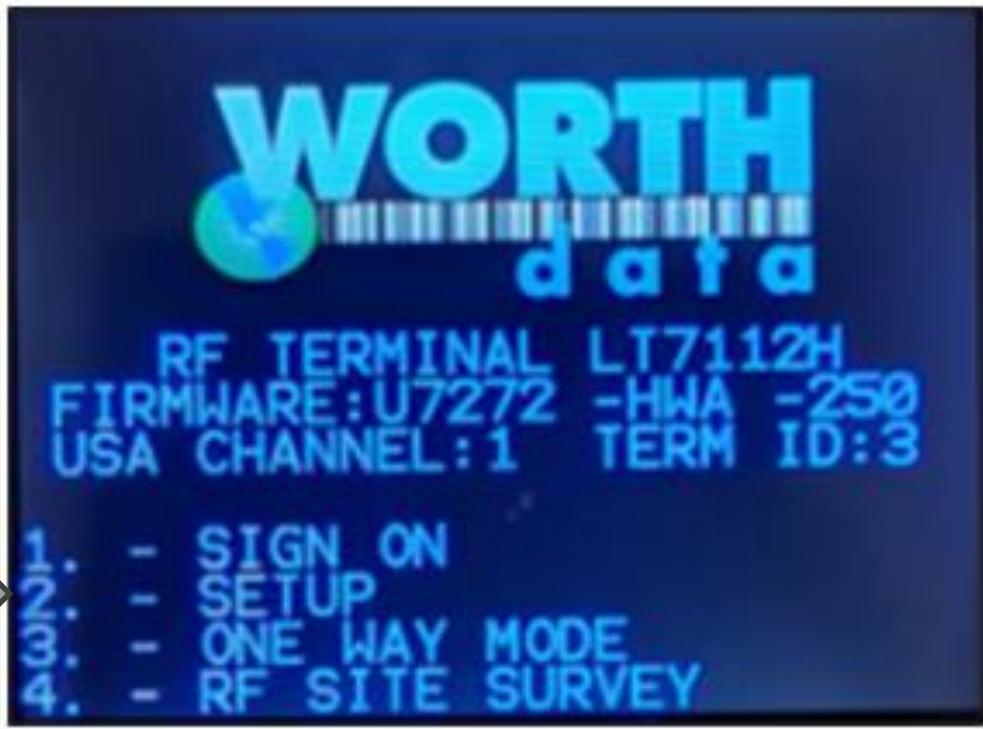
Standard

AlternateOne

- There is also additional information displayed (no voice prompt given):
 - Wasted. This is determined when investment dollars are tied up in inventory that is not selling. These dollars represent wasted opportunity.
 - Gross Margin Return On Investment (GMROI). This is a measurement of a store's investment performance.
- Paladin follows ADA Section 508 Compliance for the visually impaired; Users can change the text and background color by selecting from the Color Display Mode.

Activating the 15-line display
and
dynamic prompts

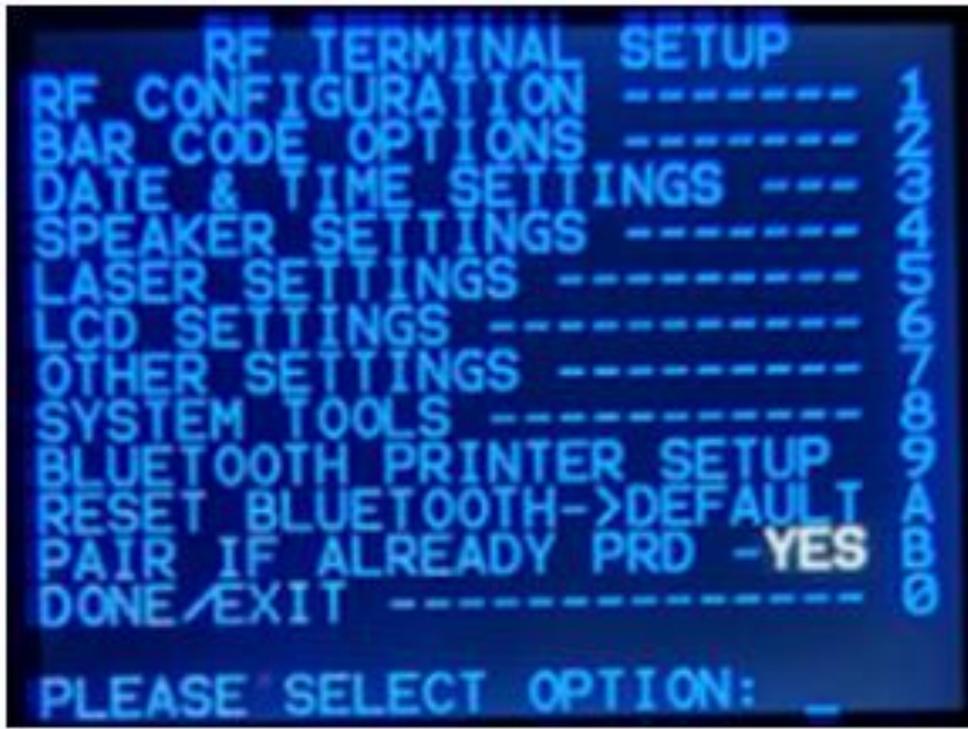
Change from 6-line to 15-line



After signing the RF unit into Paladin, the following screen appears on the device:

1. Press **2** to set RF 15 line.

Change from 6-line to 15-line (cont'd)



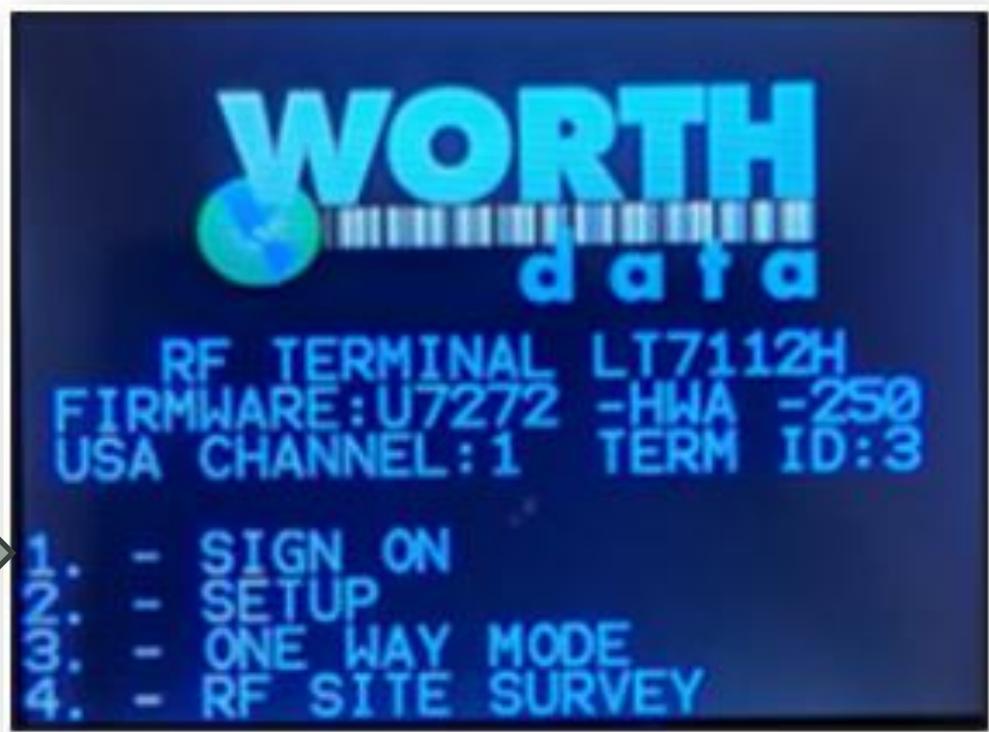
- The **RF TERMINAL SETUP** screen opens.
2. Select option **6 LCD SETTINGS**.

Change from 6-line to 15-line (cont'd)



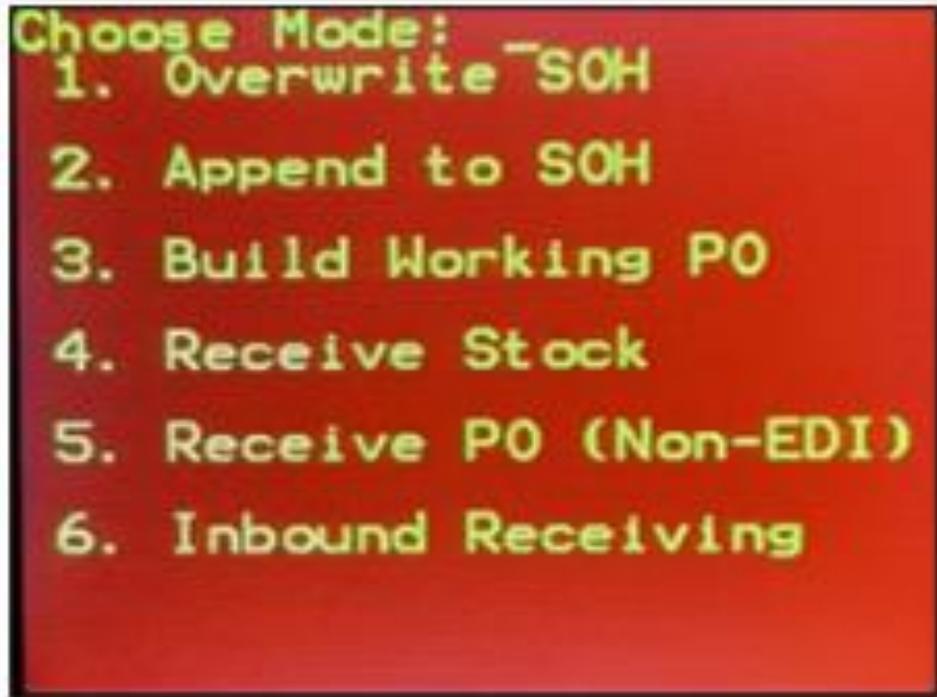
3. In the **LCD OPTIONS** screen, select option 1 to toggle **4/6 LINE LEGACY MODE** to **OFF**. This puts the unit into **15-line** mode.
4. Ensure that option 6 **PROMPT COLOR CHANGE** is set to “\”.

Sign On with 15-line display



3. Press the **F1** key twice to return to the **Sign On** screen.
4. Press **1** to **Sign On** to the RF Unit.

Choosing RF Unit 15-line modes

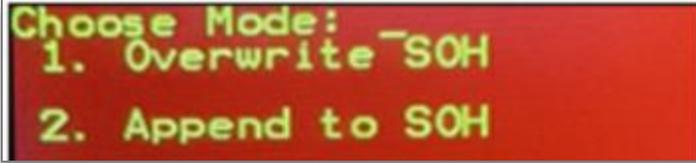


- The **Choose Mode** screen opens and displays the 6 modes available.
- After selecting a mode, the screen opens to **set the location** before scanning items.
- Perform one of the following options for the **Location** prompt on the RF unit:
 - a. Enter a new location to be added to each scanned item, then press **Enter**.
 - b. To keep the item's current location, enter nothing and press **Enter**.
 - c. To change location's press "**begin**" key and **Enter**.

Note: Location information can be entered by Location ID or by Location Name by utilizing the shift key function (the Shift key is the circular key with the arrow on the top right-hand side of the RF unit keypad).



Overwrite, Append Stock on Hand Modes



```
Choose Mode:  
1. Overwrite SOH  
2. Append to SOH
```

- Operations in the Overwrite SOH mode and the Append SOH mode are the same as the 6-line interface.
- **Overwrite SOH** mode changes or accepts the item's current stock on hand. **Append SOH** mode adds amounts to the item's stock on hand.
- In both modes, in the **Quantity (Qty.)** field, make any changes, then press **ENTER**. The RF unit will announce which mode you are in:
 - a) If you hear "Quantity," you are in **Overwrite** mode. Any number that you enter will change the stock on hand to that number (refer to the Suggested Order section below)
 - b) If you hear "Add to Stock," you are in **Append** mode. Any number that you enter will be added to the total amount of stock on hand.
- **Note:** The **SELL** field reflects the retail price of the item.

Build a working PO

```
Set Location loc=-1
Scan 6945091
TAPE TRANSPARENT 1/2X800
SOH=99 ORD=
SELL=3.21 Sell=
OnOrder=0 Cost=1.590
POQty=0 MinOrd=1

Suggested Ord=0

Last Sale=02-Oct-23
Sold YTD=1
min/max=0/2
```

- In the **Build Working PO mode**, when an item is scanned, a voice prompt states “Order.” If an item is overstocked, a voice prompt states “Overstock.”
- In **Build Working PO mode**, Suggested Order is always shown and highlighted in the middle field of the screen.
- Many other fields are displayed on the screen to help determine order amount.

Build a working PO

```
Item on Clearance
Press ENTER to resume scan
-
```

```
Last Sale=01-Nov-23
Sold YTD=11
min/max=0/5
```

- When scanning an item in **Build Working PO** mode, the RF Unit will display a screen showing the item is on clearance and a voice prompt announces “Clearance.” Press **ENTER** to resume scanning.
- To put an item on clearance from the **Overwrite SOH** or **Append SOH** mode:

Clearance function

```
Set Location   loc=1100
Scan          50869
CLIP TENSION  5/16"  CD5
SOH=3         QTY=
SELL=3.49     Sell=
OnOrder=0     Cost=1.290

GMROI= 0%

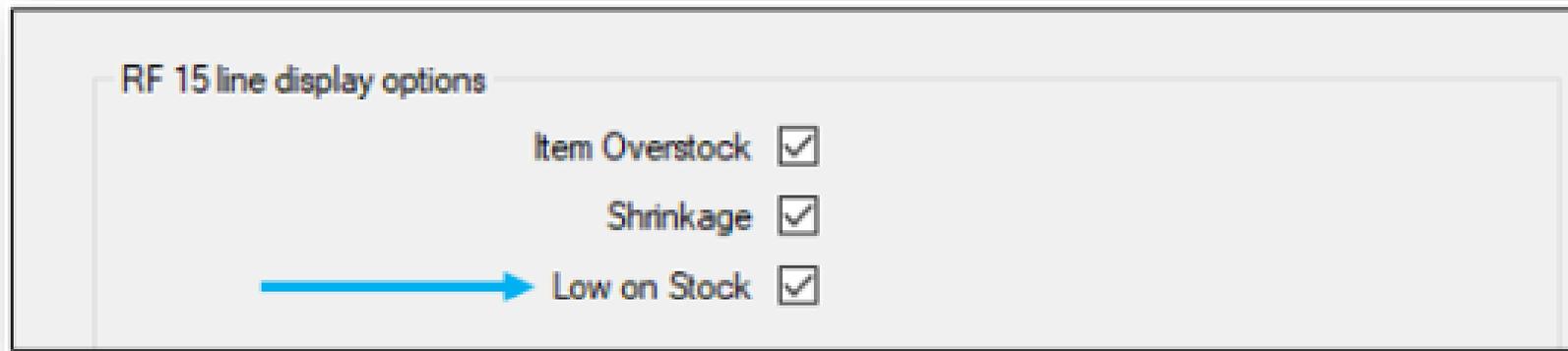
CLEARANCE ITEM

Last Sale=20-Aug-22
Sold YTD=0
min/max=0/2
user min/max=0/0
```

- Using the PaladinN Sight™ dashboard, clients can set up **clearance** items. The Clearance function automatically appears on the PaladinN Sight dashboard for managers or other high-level employees.
- When the Item **Overstock** dynamic prompt is checked in the RF 15-line display options, the RF 15-line unit recognizes clearance items when in the **Overwrite SOH** or **Append to SOH** mode.

Note: See “PaladinN Sight™ Clearance” KBA and/or watch the Paladin University webinar “New PaladinN Sight Clearance Feature Helps You Clear Out Dead Stock”

Low on stock



- If **Low on Stock** is checked in Paladin Configuration, when the quantity (**QTY**) and sell price (**SELL**) are entered in the RF Unit, Paladin recognizes the item is low on stock, and a voice prompt says “low on stock.”

Suggested Order

```
Set Location   loc=-1
Scan          6935456
HOUSEHLD LINT ROLLER 60
SOH=1         QTY=
SELL=5.40     Sell=
OnOrder=0     Cost=2.860

Suggested Ord=2
ENTER to Accept
Order=_

Last Sale=01-Nov-23
Sold YTD=11
min/max=0/5
```

- Related to low on stock, the RF 15 Line unit will display **SUGGESTED ORDER** when an item is low on stock.
- You have the option to press **ENTER** to Accept the Suggested Order, or you can specify a different amount to order in the **Order** field.

Shrinkage



- Shrinkage reflects unexpected variation in the SOH value. Theft, loss, damaged or misplaced items result in a decrease of SOH at the next count.
- If **Shrinkage** is checked in Paladin Configuration, when an item is scanned that meets the threshold requirements, a voice prompt states “shrinkage.” You must press **Enter** to acknowledge that the voice prompt was heard.

Receive PO (Non-EDI) mode



- When an item is scanned in **Receive PO** mode, the following screen appears asking for a Non-EDI Supplier ID. Enter the numerical ID of the supplier you want to use.
- The following additional information is given in the RF Unit 15-line screen regardless of the number of dynamic prompts enabled.
 - GMROI
 - Wasted
 - Bottom ribbon (last sale date, sold YTD [*past 365 days*], min/max, user min/max)

GMROI

```
Set Location loc=-1
Scan 6935456
HOUSEHLD LINT ROLLER 60
SOH=1 QTY=
SELL=5.4 Sell=
OnOrder=0 Cost=2.860

GMROI= 256%

Last Sale=01-Nov-23
Sold YTD=11
min/max=0/5
```

- Keeping an eye on your store's **GMROI** is important because:
 - Most store owners just look at the profit margin without considering their inventory investment.
 - GMROI is the most important statistic — especially for successful retailers.
 - GMROI shows the financial return for every inventory investment dollar spent.
 - GMROI is all about inventory (investment) productivity.
- This is triggered when **Item Overstock** is checked in Paladin Configuration.
- It is reflected in the 15-line as a [percentage](#).

Waste

```
Set Location loc=3300
Scan 5121322
GLUE SUPER GORILLA 15G
SOH=3 QTY=
SELL=6.98 Sell=
OnOrder=0 Cost=3.440

Press ENTER to acknowledge

Wasted $=3.44
Last Sale=17-Nov-23
Sold YTD=3
min/max=0/3
```

- **Waste** is determined when investment dollars are tied up in inventory that is not selling.
- This is reflected as a **dollar amount**.

Bottom ribbon



Last Sale=20-Aug-22
Sold YTD=0
min/max=0/2
user min/max=0/0



Last Sale=01-Nov-23
Sold YTD=11
min/max=0/5



- Enhancements to the information fields at the bottom of the RF unit include:
- In **Overwrite/Append** modes, the bottom ribbon provides the following:
 - Last Sale (Date)
 - Sold YTD
 - min/max
 - user min/max (Max Qty)
- In **Build Working PO** mode, the bottom ribbon provides the following:
 - Last Sale (Date)
 - Sold YTD
 - min/max

Learn More

To learn more, see the following resources in our [Help Portal](#)

[RF Unit: 15-line functionality](#)

[White Paper: Inventory as an Investment](#)

[Why GMROI is so Important to Your Business](#)

[PaladinN Sight™ Clearance function](#)

[New PaladinN Sight Clearance Feature Helps You Clear Out Dead Stock](#)

A recording of this webinar will be available at portal.paladinpos.com/webinars.

Next Webinar:

Title

Date

9am PT

<https://portal.paladinpos.com/webinars/>



Expand Your Knowledge

Stay relevant in retail:
paladinpointofsale.com/retailsience

Self help at:
portal.paladinpos.com

Webinars available at:
portal.paladinpos.com/webinars

Follow us for Paladin news and updates:

