



CL7200 PDF Guide Master-Satellite Function

2022

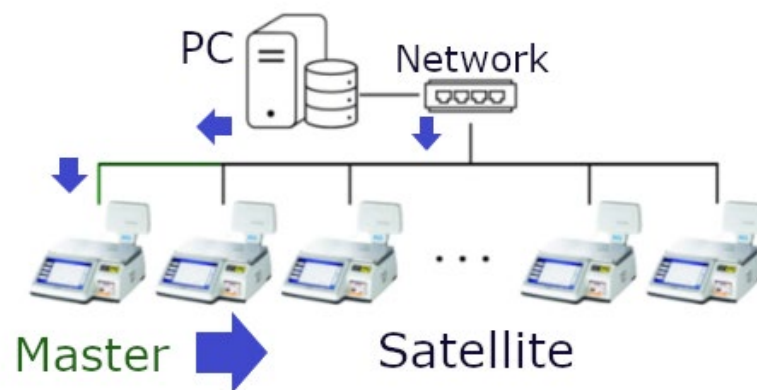
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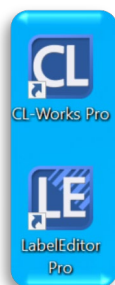
Michael McNally



The new update has improved the useability of the existing Master-Satellite function, as well as adding new user requested features to this tool. In this guide we will cover setup, troubleshooting and why the Master-Satellite function could be a selling point for your end users or a useful tool for your existing setup.



This guide applies to:



For more information about this update AND to browse our how-to videos, please visit our updated website.

1. Mast./Sat. Details and Initial Setup

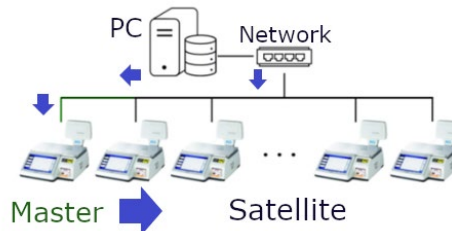
Master-Satellite is a tool that allows data changes, that are made on a **MASTER** scale to be **automatically shared and updated on any SATELLITE scales on that same network.**

*Before starting it may be helpful to watch our CL7200 Network video. Which can be found on our website OR on YouTube: <https://youtu.be/OuWEI3GPJS8>

GETTING STARTED

In this example we will have our **MASTER** scale and only '1' Satellite scale. You may have up to 16 **SATELLITE** scales. To get started we need to use **MENU 1911** to set your **MASTER** scale to 1(Master) and your **SATELLITE** to 2(Satellite). * Do the same for other **SAT** Scales just make sure to give it a new **Scale No.**

*Make sure to always press the **SAVE** key, unless otherwise noted, to save your changes.



Master

Program Mode	1911	Service Type	SALES MODE	SAVE	PREV.
Scale No :	1				
Service Type (0-4) :	1 Master				

Program Mode	1911	Service Type	SALES MODE	SAVE	PREV.
Scale No :	2				
Service Type (0-4) :	2 Satellite				

Satellite

Master

Program Mode	1913	IP	SALES MODE	SAVE	PREV.
Scale IP	172.016.018.161				
Gateway	172.016.018.254				
Subnet Mask	255.255.255.000				

Satellite

Program Mode	1913	IP	SALES MODE	SAVE	PREV.
Scale IP	172.016.018.101				
Gateway	172.016.018.254				
Subnet Mask	255.255.255.000				

Next, if you haven't already, Give your **MASTER** and **SAT** scale a unique IP address, and confirm your **Network Gateway/Subnet Mask.**



2. Finishing Initial Setup

Next, on the SATELLITE scale go to MENU 1914 and enter the MASTER scale's IP and Port. *It will usually be 20304.

Satellite

Program Mode	1914	Remote IP	SALES MODE	SAVE	PREV.
Remote IP	172.016.018.161				
TCP Port	20304				

Master

Program Mode	1961	New/Edit Satellite Scale	SALES MODE	SAVE	PREV.
No :	2				
Scale IP	172.016.018.101 *your SAT scale IP				
TCP Port	20304				

For the next step, on your MASTER scale, enter the IP and Port for each Satellite scale.

*Make sure to give each scale a unique No and

*Scroll to second menu page and set Use to: Y.

Program Mode	1961	New/Edit Satellite Scale	SALES MODE	SAVE	PREV.
Use :	Y				

Press the SAVE key to add the new SAT scale

Next, on BOTH scales, use MENU 1920 to set 'Send Changed PLU' to Y. Make sure to press the SAVE key.

This will Automatically and instantly send changes to PLU data from the MASTER scale to the Sat. scales. If PLU data fails to transfer a Master Force download option is possible.

Master & Satellite

Program Mode	1920	Application	SALES MODE	SAVE	PREV.
Buzzer On Network Err	Y				
Allow Background Comm.	Y				
Send Changed PLU :	Y				

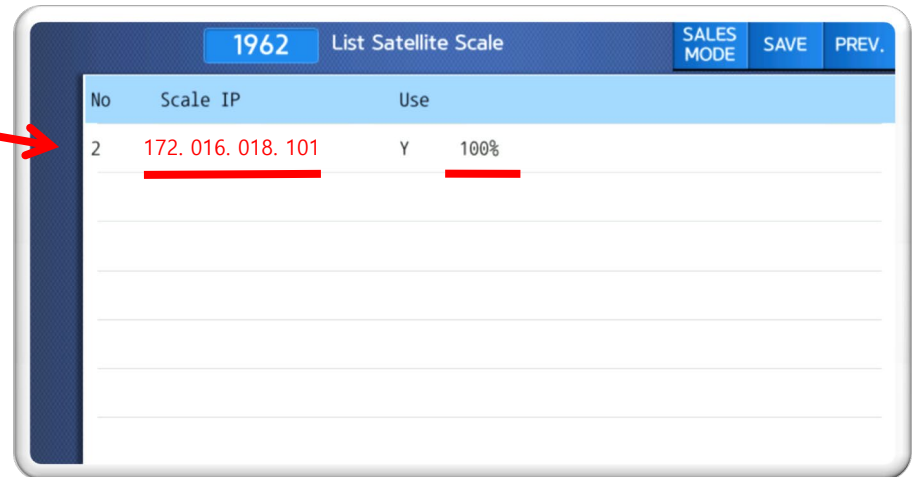


3. Testing Conn. And PLU Data

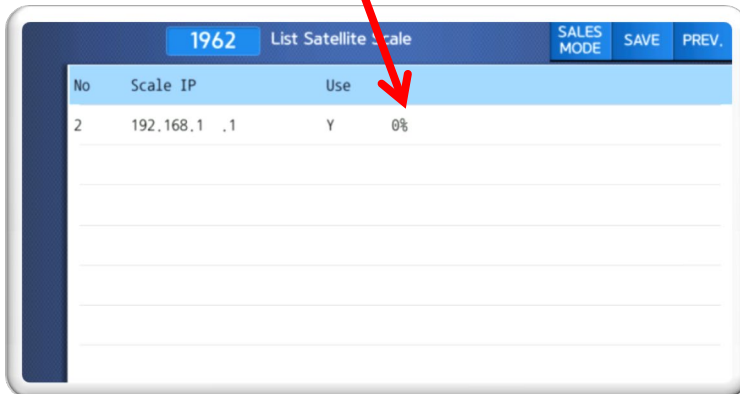
Now it is time to test our connection. On the **MASTER** scale, use **MENU 1962** to check the connection for your **SATELLITE** scales. If setup correctly you should see all SAT Scales here with a 100% connection.

*If your scale has under or over 100%, we will cover troubleshooting that issue at the end of this guide.

Master

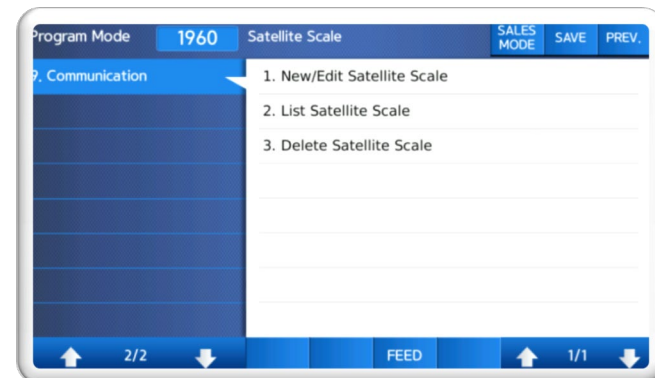


No	Scale IP	Use	
2	<u>172. 016. 018. 101</u>	Y	<u>100%</u>



No	Scale IP	Use	
2	192.168.1 .1	Y	0%

* The 1960 MENU is where you can add new SAT Scales, see list of existing scales and delete scales from your Mast/Sat network.



Program Mode	1960	Satellite Scale	SALES MODE	SAVE	PREV.
9. Communication		1. New/Edit Satellite Scale			
		2. List Satellite Scale			
		3. Delete Satellite Scale			



4. Copying Data to Sat. Scales

With our connection established, PLU data changes on the MASTER scale should start pushing Automatically. We can also now copy ADDITIONAL Data from our MASTER scale to the SAT scale.

Use MENU 1950 to select the data you would like to transfer:

- Category & page : Transfer Category/Page Names /changes
- Key : Transfer KeyPad changes
- Clerk : Transfer Clerk information/changes

*Currently images cannot be sent via Mast-Sat

Once you've selected all the data to transfer, press the **SAVE** key. When done, you will get a message indicating that all data was sent successfully.

Master

Program Mode 1950 Copy Data to satellite Scale SALES MODE SAVE PREV.

CATEGORY & PAGE Y

KEY N

CLERK N

A B C D E F G H CAPS ZERO TARE LIST PAGE UP

I J K L M N O P SAVE PAGE DOWN

Q R S T U V W X INS ERT 7 8 9 ESC TEST

Y Z \$ - < > CHAR DEL 4 5 6 FEED

/ % () . , " 1 YES 2 NO 3 ENTER ENTER

A E I N O U U 00 0 NO C ENTER ENTER

> Program Mode > Communication > Copy Data to satellite Scale 1/1 SEP-08-22 10:05

Program Mode 1950 Copy Data to satellite Scale SALES MODE SAVE PREV.

CATEGORY & PAGE Y

KEY Y

CLERK Y

A B C D E F G H CAPS ZERO TARE LIST PAGE UP

I J K L M N O P SAVE PAGE DOWN

Q R S T U V W X INS ERT 7 8 9 ESC TEST

Y Z \$ - < > CHAR DEL 4 5 6 FEED

/ % () . , " 1 YES 2 NO 3 ENTER ENTER

A E I N O U U 00 0 NO C ENTER ENTER

Program Mode 1950 Copy Data to satellite Scale SALES MODE SAVE PREV.

CATEGORY & PAGE Y

KEY Y

CLERK Y

All Categories have been successfully sent.
Sending PAGE
All Pages have been successfully sent.
Sending KEYPAD

A B C D E F G H CAPS ZERO TARE LIST PAGE UP

I J K L M N O P SAVE PAGE DOWN

Q R S T U V W X INS ERT 7 8 9 ESC TEST

Y Z \$ - < > CHAR DEL 4 5 6 FEED

/ % () . , " 1 YES 2 NO 3 ENTER ENTER

A E I N O U U 00 0 NO C ENTER ENTER

A quick way to test if PLU data is being sent is to just make a quick price change and save your changes on the MASTER scale. The change should be sent instantly to the SATELLITE scale.

If the data DOES NOT transfer, try repeating the steps from the previous slide and select just one data category to send and it should push the PLU data as well. That is the MASTER FORCE DOWNLOAD feature.

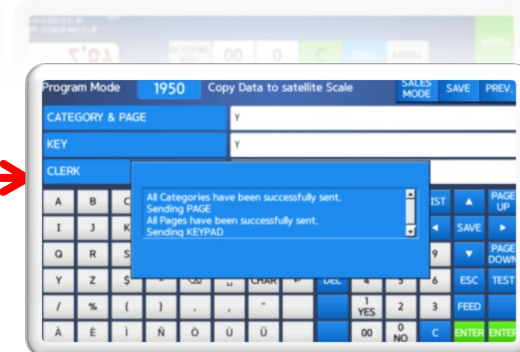
Connection Issues: On MENU 1962, if your scale shows 0% this usually means that the IP is incorrect. TRY deleting old entry and creating a new SAT scale. If the scale shows 99% it usually means that the SAT scale is not powered on. A high number like: 267% usually means a poor network connection, lost connection or that the SAT scale has an outdated firmware. MAKE sure that ALL Master-Satellite scales have the SAME firmware and that they are all on the SAME network.

Master

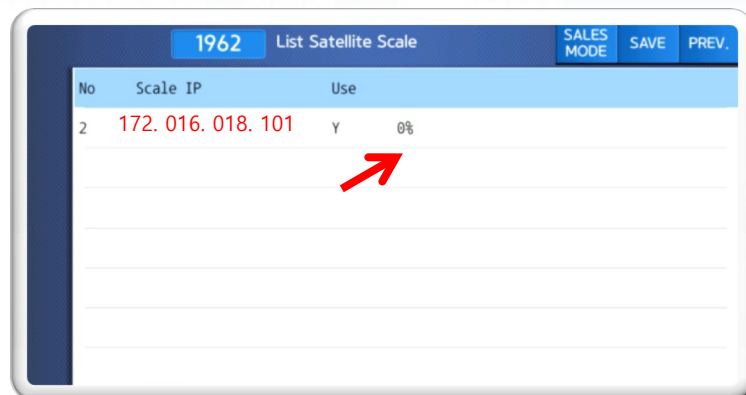


Satellite





Master



No	Scale IP	Use
2	172. 016. 018. 101	Y 0%



5. Testing and Troubleshooting

If you are still having issues after following the steps on this guide, reach out to your local dealer. If you don't have a dealer, please reach out to us directly. E-mail your details to: sales@cas-usa.com. Thank you!

Setting up a Master-Satellite network setup for the first time can be confusing and there are lots of steps and pitfalls if you forget necessary info. If videos are more helpful to you, a How-to-Video, explaining and with step-by-step instructions, will be posted on our YouTube channel and our website. For more information please visit:

www.cas-usa.com

or

[CL YouTube Channel](#)