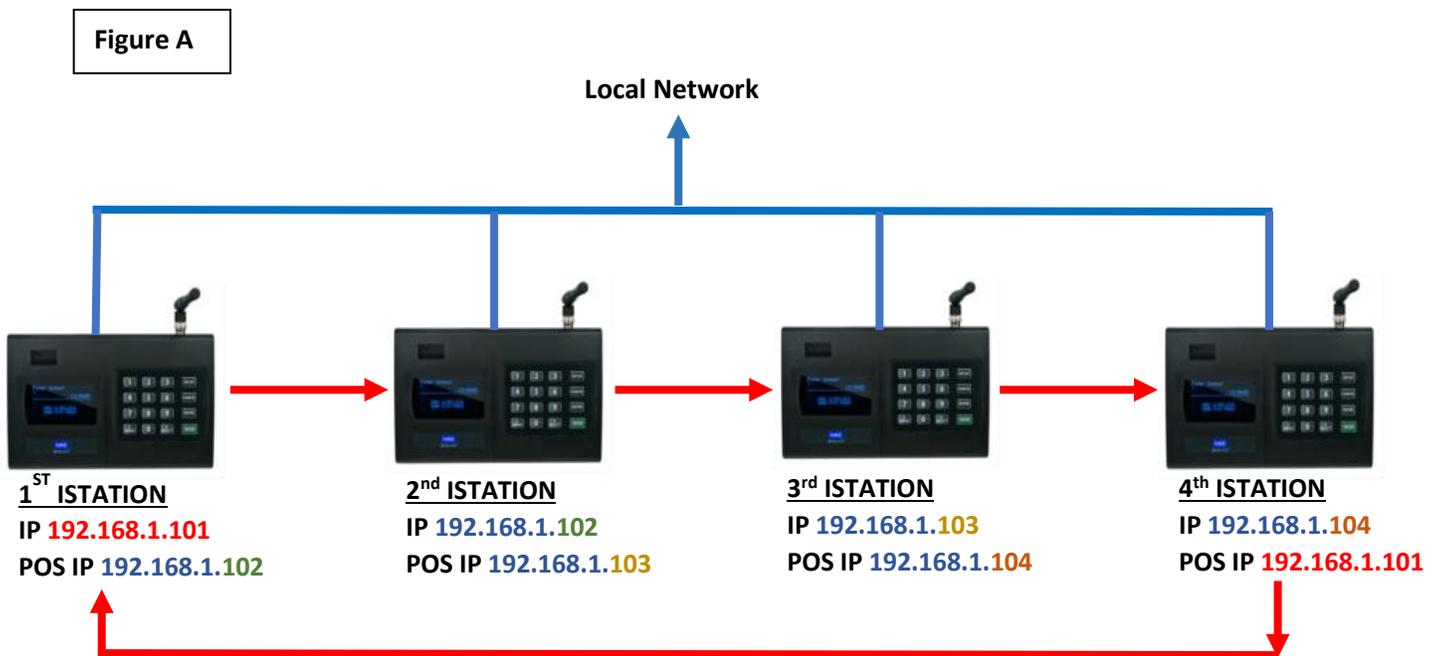


## Integration Station – MultiCast

MultiCast is the ability for JTECH transmitters to send cascading pages to a series of transmitters over an IT network. This cascade allows the user to cover areas within the facility(ies) without the need for radio repeaters or large-scale broadcast antennas. Using this form of MultiCast permits for the expansion of signal to a specific area regardless of distance.

- Each Iystation contains two IP Addresses, its own and the next Iystation (POS IP Address) it will be transmitting to.
- The display on each Iystation should show a consistent “Y” to denote it is in the MultiCast chain.
  - If it shows an “N” in the top right corner instead there is an error in the loop.
- When paging through MultiCast, each Iystation will flash an “R” if receiving a signal Over the Air or “T” next to the “Y” to confirm transmitting of the page.
- Every additional Iystation will increase the number of times a pager is paged in milliseconds
  - EX: A multicast system with 4 IYSTATIONS will page 4 times.

Example IP address as reference only, please contact your IT department for assistance in IP Address setup and assignment.



## System Configuration

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### Please contact your IT department for assistance in setup.

Use the following buttons to configure your transmitter.

- “\*/MENU” key to scroll through the different menu options.
- “#/SELECT” key to toggle between options.
- “ENTER” to edit the menu and save the new settings.
- “CANCEL” to exit the system programming menu.

### To enter Admin Mode

1. Press the “SETUP” button.
2. Enter the password “1173” followed by “ENTER”.
3. Once the password is accepted, the display will show “Admin Setup”

### Static IP Setup

▪ Assign to each transmitter a static IP address that coincides with your network scheme, i.e. 10.0.10.100  
all address changes require a 12-digit input, i.e. 010.000.010.100

**Note:** The Static IP of your current IStation is the POS IP of the previous IStation. The POS IP will be the Static IP of the next IStation. See Figure A above.

### Confirm all these settings on each unit to be connected as Multicast

- Repeater – **OFF** (Not used in Multicast)
- Duplicate Message Suppression – **12**
- Repeat Delay - **0**
- Set RX - **OFF**
- Set TX – **Enabled**
- Set Multicast – **ON**
- Set IP Address - **please contact your IT department for assistance in setup**
- Set Listen Port – **4000 (default)**
- Gateway IP – default 192.168.1.1 **please contact your IT department for assistance in setup**  
(Location Network gateway IP)
- Subnet Mask - **255.255.255.0 please contact your IT department for assistance in setup**
- DNS Server IP – default 8.8.8.8 **or adjust to local network provided by your IT**
- POS IP Address – default 0.0.0.0 **Assigned the next IP for the IStation device in the cascade**  
**please contact your IT department for assistance in setup**