

Multicast function introduction and use

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1. Introduce

1.1. Overview

The phone multicast function is that the initiator sends voice information, etc. to the set multicast address, and all phones listening to the multicast address can receive the initiator's voice information, etc. The function is similar to broadcasting. Use the multicast function to easily and conveniently send announcements to each member of the multicas

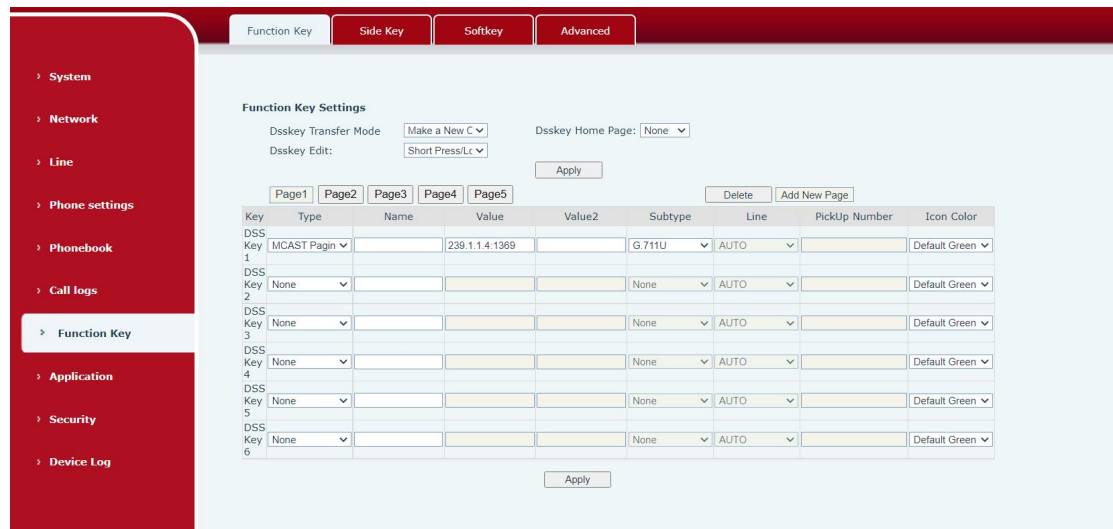
Operating mechanism:

- ① The phone configures the multicast initiation address, port and code through DSS Key
- ② Monitoring multicast address and port through WEB or LCD settings
- ③ The phone initiates a multicast, and the phone listening to the address can receive the multicast content

2. Multicast configuration and use

2.1. Multicast sender configuration

Visit the phone webpage and click "Function Key"->"Function Key Settings", set a certain Dss key type to MCAST Paging, and the value is in the format of IP:port.



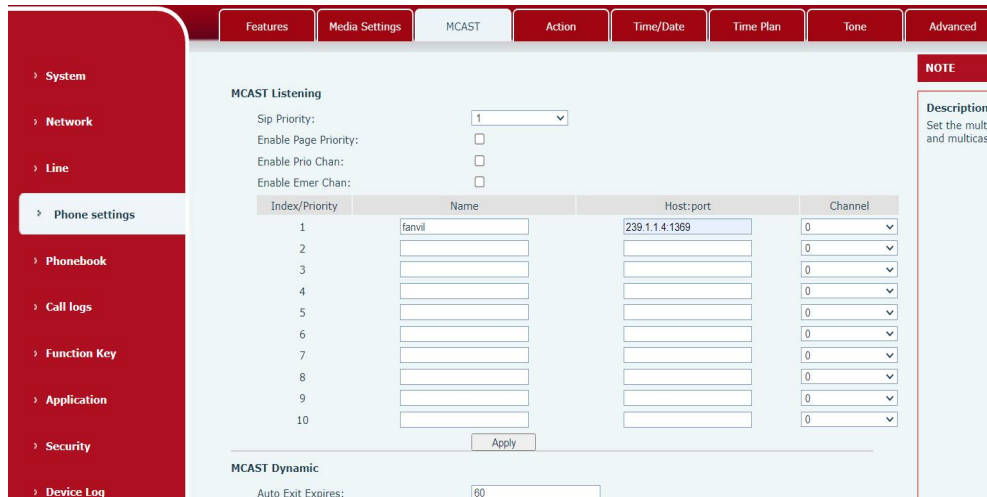
Instructions for use: Configure the function key, set the function key type to MCAST Paging, and set the multicast address and port. Press the corresponding function key to initiate multicast when in standby;

2.2. Multicast listener settings

There are two ways of multicast monitoring: automatic monitoring and manual monitoring.

2.2.1. Automatic monitoring of multicast configuration

Visit the phone webpage and click "Phone Settings"->"Multicast" to set the multicast name, multicast address, port number and multicast channel



Parameter	Illustrate
Enable page priority	Set whether to enable priority comparison between multicasts. The priority of multicast is the index/priority on the left side of the multicast list.
Enable channel priority	The channel with the channel value of 24 is the priority channel, and it will take effect after the channel priority is turned on.
Enable emergency priority	The channel with the channel value of 25 is an emergency channel, which will take effect after the emergency priority is turned on.
Index/priority	The number value is the priority of multicast, and it takes effect after the page priority is enabled. The smaller the number, the higher the priority.
Name	Set the monitoring multicast name, which will be displayed on the screen when receiving the multicast. If there is no setting, the screen will directly display IP:Port
Host: Port number	Set the IP address and port number for monitoring multicast, separated by a colon (the IP address range is 224.0.0.0 to 239.255.255.255, and the port number should preferably be set in the middle of 1024~65535)
Channel	When the channel value is 0, the multicast RTP protocol packet is sent; when the channel value is 1-25, the paging protocol packet is sent; when the channel value is other invalid values, the default RTP protocol packet is changed. The default value is 0.

Instructions: After configuring the monitored multicast address, port and multicast priority, when the monitored multicast initiates a multicast, the phone automatically answers and displays the call interface.

2.2.2. Manually monitor multicast

Visit the phone webpage and click "Function Keys"->"Function Key Settings", set a certain shortcut key type to MCAST Listening, and the value is in the IP:port format.

2.3 Instructions

① Configuration: Configure the monitor multicast function key on the function key page, configure the multicast address port and save it.

② Operation: In standby, press the configured function key.

③ Result: If the RTP of the configured multicast address exists, the phone connects and plays the multicast audio

If the RTP of the configured multicast address does not exist, the phone can handle it by pressing the button and play a prompt tone, indicating that it is inoperable.

④ Operation: Press the function key again.

⑤ Result: The phone stops multicast and exits the multicast interface, returning to standby.