

# AllStar Link Standard Commands

[wiki.allstarlink.org](http://wiki.allstarlink.org)

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# 1 AllStarLink Standard Commands

**Legacy Version** - This page is about a legacy version of AllStarLink. See <sup>1</sup>

This section contains the suggested prefix digits, mandatory command codes, and suggested command codes for Allstar Link.

## 1.1 Mandatory Command Codes

These are the mandatory command codes which all Allstar Link nodes must support to provide command code consistency to the users.

\*1nodeDisconnect Link

\*2nodeConnect link in monitor mode

\*3nodeConnect link in transceive mode

\*4nodeEnter command mode on a remote node

\*70 Local connection status

\*99 DTMF Phone Key (Assert PTT from Phone Portal)

Notes

1. `node` is an Allstar Link node number
2. Node number zero (0) is shorthand for the last node operated on by a previous command
3. Monitor mode means listen to a node, but do not send any audio to it
4. Command mode means send all received DTMF digits to the node number specified (bypassing the local command decoder). Send # to exit command mode, and restore local command decoding.

## 1.2 Prefix Digit Suggestions

DTMF Commands	
Prefix	Description

<sup>1</sup> <https://allstarlink.github.io/basics/standardcommands/>

<b>DTMF Commands</b>	
*1	Disconnect from link.
*2	Connect to node in Rx only mode.
*3	Connect to node in Transeive Mode
*4	Command Mode for controlling node
*5	User-defined macros
*6	User defined functions, such as autopatch
*7	Connection Status / Other Functions
*8	User defined functions
*9	User defined functions
*0	User defined functions
*A	User defined functions
*B	User defined functions
*C	User defined functions
*D	User defined functions

### 1.3 Optional Command Codes

These are suggested, but are typically configured by default on ASL nodes.

\*80 Force System ID

\*81 Say System Time

\*980 Say app\_rpt software version

\*75 Link Connect (Local Monitor Only)

\*72 Last active node (system-wide)

\*73 System-wide connection status

\*71 Disconnect all links (macro)

\*74 Reconnect all links (macro)

### 1.4 Complete List of AllStar Commands

The default AllStarLink DTMF commands are well commented in the configuration file `/etc/asterisk/rpt.conf`<sup>2</sup> These may be changed if you or someone else edited the file so take a look at the actual file on your node to be sure. All of the possible commands are documented<sup>3</sup> at the top of the source. You don't need to be a C programmer to read the comments.

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<sup>2</sup> <https://github.com/AllStarLink/ASL-Asterisk/blob/develop/allstar/configs/simpleusb/rpt.conf>

<sup>3</sup> [https://github.com/AllStarLink/ASL-Asterisk/blob/develop/asterisk/apps/app\\_rpt.c](https://github.com/AllStarLink/ASL-Asterisk/blob/develop/asterisk/apps/app_rpt.c)

## 1.5 Contributors

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- This page was last edited on 11 July 2025, at 02:21.

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<sup>1</sup> Chapter 3 on page 13





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