

BASIC OPERATIONS

Understanding HT502 Voice Prompt

HT502 has a built-in voice prompt menu for simple device configuration. The IVR menu and the LED button work with any of the FXS port. Pick up the handset and dial “***” to use the IVR menu.

Table 5: HT502 IVR Menu Definitions

Menu	Voice Prompt	Options
Main Menu	“Enter a Menu Option”	Press “*” for the next menu option Press “#” to return to the main menu Enter 01-05, 07,10, 12-17,47 or 99 menu options
01	“DHCP Mode”, “Static IP Mode”	Press “9” to toggle the selection If using “ <i>Static IP Mode</i> ”, configure the IP address information using menus 02 to 05. If using “ <i>Dynamic IP Mode</i> ”, all IP address information comes from the DHCP server automatically after reboot.
02	“IP Address “ + IP address	The current WAN IP address is announced If using “ <i>Static IP Mode</i> ”, enter 12 digit new IP address. You need to reset the HT to take affect the new IP address.
03	“Subnet “ + IP address	Same as menu 02
04	“Gateway “ + IP address	Same as menu 02
05	“DNS Server “ + IP address	Same as menu 02
07	Preferred Vocoder	Press “9” to move to the next selection in the list: <ul style="list-style-type: none"> • PCM U / PCM A • iLBC • G-726 • G-723 • G-729
10	“MAC Address”	Announces the Mac address of the unit.
12	WAN Port Web Access	Press “9” to toggle between enable / disable
13	Firmware Server IP Address	Announces current Firmware Server IP address. Enter 12 digit new IP address.
14	Configuration Server IP Address	Announces current Config Server Path IP address. Enter 12 digit new IP address.
15	Upgrade Protocol	Upgrade protocol for firmware and configuration update. Press “9” to toggle between TFTP / HTTP / HTTPS
16	Firmware Version	Firmware version information.
17	Firmware Upgrade	Firmware upgrade mode. Press “9” to toggle among the following three options: <ul style="list-style-type: none"> - always check - check when pre/suffix changes - never upgrade
47	“Direct IP Calling”	Enter the target IP address to make a direct IP call, after dial tone. (See “ <i>Make a Direct IP Call</i> ”.)
70	Phone calls between FXS 1 and FXS 2 port	User can make internal calls between two FXS ports on the same HT502 even without being registered to SIP server. By dialing *** and 70 user can reach the other FXS port
86	Voice Mail	Number of Voice Mails

99	“RESET”	Press “9” to reboot the device Enter MAC address to restore factory default setting (See Restore Factory Default Setting section)
	“Invalid Entry”	Automatically returns to main menu
	“Device not registered”	This prompt will be played immediately after off hook If the device is not register and the option “Outgoing Call without Registration” is in NO

Five Success Tips when using the Voice Prompt

1. “*” shifts down to the next menu option
2. “#” returns to the main menu
3. “9” functions as the ENTER key in many cases to confirm an option
4. All entered digit sequences have known lengths - 2 digits for menu option and 12 digits for IP address. For IP address, add **0** before the digits if the digits are less than 3 (i.e. - 192.168.0.26 should be key in like 192168**0000**26. No decimal is needed).
5. Key entry can not be deleted but the phone may prompt error once it is detected

Placing a Phone Call

PHONE OR EXTENSION NUMBERS

1. Dial the number directly and wait for 4 seconds (Default “No Key Entry Timeout”); or
2. Dial the number directly and press # (Use # as dial key” must be configured in web configuration).

Examples:

1. Dial an extension directly on the same proxy, (e.g. 1008), and then press the # or wait for 4 seconds.
2. Dial an outside number (e.g. (626) 666-7890), first enter the prefix number (usually 1+ or international code) followed by the phone number. Press # or wait for 4 seconds. Check with your VoIP service provider for further details on prefix numbers.

DIRECT IP CALLS

Direct IP calling allows two parties, that is, a FXS Port with an analog phone and another VoIP Device, to talk to each other in an ad hoc fashion without a SIP proxy.

Elements necessary to completing a Direct IP Call:

1. Both HT502 and other VoIP Device, have public IP addresses, or
2. Both HT502 and other VoIP Device are on the same LAN using private IP addresses, or
3. Both HT502 and other VoIP Device can be connected through a router using public or private IP addresses (with necessary port forwarding or DMZ).

HT502 supports two ways to make Direct IP Calling:

Using IVR

1. Pick up the analog phone then access the voice menu prompt by dial “****”
2. Dial “47” to access the direct IP call menu
3. Enter the IP address after the dial tone and voice prompt “Direct IP Calling”