

HT818 Firmware Release Note

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FIRMWARE VERSION 1.0.9.3

PRODUCT NAME

HT818

DATE

07/30/2018

FIRMWARE FILE INFORMATION

- Firmware file name: ht818fw.bin

- MD5: 48b277ace2300ec334c5ffc412ce98c6

ENHANCEMENT

- Added support for call waiting tone to be repeated while the caller is still calling.
- Added support for G722 (wide-band) codec.
- Added support for FTP/FTPS for provision and firmware upgrade.
- Added feature "Conference Party Hangup Tone". [CONFERENCE PARTY HANGUP]

BUG FIX

- Fixed NAT is not working in PPPoE.
- Fixed in RFC2833 mode, DTMF tone could not be recognized by PBX.
- Fixed device will play short dial tone after the first digit has been dialed using the pulse dialing mode.
- Fixed device sometimes would send a wrong number when using pulse dialing mode.
- Fixed DTMF tone is not heard on analog phone behind FXS port.
- Fixed when device enable "Remove OBP from Route Header" function, device will add OBP header on INVITE/REGISTER message when device using backup outbound proxy.
- Fixed device failed in provisioning Custom Certificate.

NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

CONFERENCE PARTY HANGUP TONE

- **Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.

Prompt Tone:

Conference Party Hangup Tone:

Syntax: `f1=val [, f2=val [, c=on1/off1 [-on2/off2 [-on3/off3]]]] ;`
 (Frequencies are in (300, 3400) Hz and cadence on and off are in (0, 64000) ms)

- **Functionality**

This feature allows users to customize the tone to be played when a party leave the established conference. User need to set Special Feature (PROFILE ->Special Feature) to MTS to use this function.

- **New P Values**

Pvalue	Description	Value range	Default
P28133	Conference Party Hangup Tone	Frequency: (300,3400) Hz Cadence on and off: (0,64000) ms	f1=425@-15,c=600/600;

FIRMWARE VERSION 1.0.8.7

PRODUCT NAME

HT818

DATE

04/17/2018

FIRMWARE FILE INFORMATION

- Firmware file name: ht818fw.bin
- MD5: 330769490e81198bd6907c14a243da1c

ENHANCEMENT

- Added feature “Custom Certificate”. [CUSTOM CERTIFICATE]
- Added feature “Use P-Access-Network-Info Header”. [USE P-ACCESS-NETWORK-INFO HEADER]
- Added feature “Use P-Emergency-Info Header”. [USE P-EMERGENCY-INFO HEADER]
- Added support for “Blacklist for Incoming Calls”. [BLACKLIST FOR INCOMING CALLS]
- Added feature “Play busy/reorder tone before Loop Current Disconnect”. [PLAY BUSY/REORDER TONE BEFORE LOOP CURRENT DISCONNECT]

BUG FIX

- Fixed device IPv4 option 42 and IPv6 option 31 do not take effect.
- Fixed device option 66 does not take effect properly.
- Fixed device does not receive connection request from ACS.
- Fixed device failed on changing the ring frequency and removed “Ring Frequency” from web UI.
- Change “Validate Server Certificates” default value to No.
- Fixed Caller ID Display did not work with distinctive ringtone.
- Fixed device sent out unselected syslog levels messages.
- Fixed device could not hear voice when playing call waiting tone.
- Fixed device did not resolve backup outbound proxy domain.
- Fixed device DNS query malfunctioning.
- Fixed device failed to register with two-way TLS.

NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user’s point of view.

CUSTOM CERTIFICATE

- **Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.

SIP TLS Private Key Password:

Custom Certificate:
(Private Key + Certificate)

- **Functionality**

This feature allows users to update to the device their own certificate signed by custom CA certificate to manage client authentication.

- **New P Values**

Pvalue	Description	Value range	Default
P8472	Custom Certificate (Private Key + Certificate)	10 - Rows 64 - Columns	Null

USE P-ACCESS-NETWORK-INFO HEADER

- **Web Configuration**

User can find the configuration in Web UI -> Profile Settings.

Use P-Preferred-Identity Header: Default No Yes

Use P-Access-Network-Info Header: No Yes

Use P-Emergency-Info Header: No Yes

- **Functionality**

With this feature enabled, device will populate the WAN access node with IEE-802.11a, IEE-802.11b in P-Access-Network-Info SIP header.

- **New P Values**

Pvalue	Description	Value range	Default
P26058	Use P-Access-Network-Info Header (Profile 1)	0 - No 1 - Yes	1 - Yes
P26158	Use P-Access-Network-Info Header (Profile 2)	0 - No 1 - Yes	1 - Yes

USE P-EMERGENCY-INFO HEADER

- **Web Configuration**

User can find the configuration in Web UI -> Profile Settings.

Use P-Preferred-Identity Header: Default No Yes
Use P-Access-Network-Info Header: No Yes
Use P-Emergency-Info Header: No Yes

- **Functionality**

This feature support of IEEE-48-addr and IEEE-EUI-64 in SIP header for emergency calls.

- **New P Values**

Pvalue	Description	Value range	Default
P26059	Use P-Emergency-Info Header (Profile 1)	0 - No 1 - Yes	1 - Yes
P26159	Use P-Emergency-Info Header (Profile 2)	0 - No 1 - Yes	1 - Yes

BLACKLIST FOR INCOMING CALLS

- **Web Configuration**

User can find the configuration section at Web -> Advanced Settings.

Blacklist For Incoming Calls:

- **Functionality**

Allow users to block incoming calls from specific list of numbers. Maximum allow 10 SIP numbers and each number should be separated by a comma (',') in webUI. Other allowed characters are 0-9, 26 letters (A-Z and a-z), comma (','), asterisk ('*'), pound sign ('#') and plus sign ('+').

- **New P Values**

Pvalue	Description	Value range	Default
P28127	Blacklist For Incoming Calls	10 – Maximum allowed SIP numbers	Null

PLAY BUSY/REORDER TONE BEFORE LOOP CURRENT DISCONNECT

- **Web Configuration**

User can find the configuration section at Web -> Profile Settings.

Play busy/reorder tone before Loop Current Disconnect: fail) No Yes (play busy/reorder tone before loop current disconnect upon call

- **Functionality**

Allow user to configure if it will play busy/reorder tone before loop current disconnect upon call fail. Default

is No.

- **New P Values**

Pvalue	Description	Value range	Default
P21925	Play busy/reorder tone before Loop Current Disconnect. (Profile 1)	0 - No 1 – Yes	0 – No
P21926	Play busy/reorder tone before Loop Current Disconnect (Profile 2)	0 - No 1 – Yes	0 – No