Release Note

Model Name:	KX-TGP600 CE/UK/C/AL/LA/LC/BR/RU
Existing version:	6.001
New version:	8.102

1. New or Enhanced Features

No.	Fixed issue	Fix version
1-1	Improvement If the parameter HANDSET_NAME_HSy receives a value longer than 16 digits, the name to be truncated but not ignored.	6.032

1-2	Improvement
	When receiving 401 message two times(2nd 401 includes "stale=true"), re-send register.
	
	Phone SIP server
	  | Register--------------------------- >|
	  |< -------------------------------- 401 |
	  | Register--------------------------- >|
	  |< -------------------401(stale=true) |
	  | Register--------------------------- >|
	  |< -------------------------------- 200 |
	
	(Previous version)
	When receiving 401 message two times(2nd 401 includes "stale=true"), the phone recognize it as error leading "out of registration" without re-sending register.
	
	Phone SIP server
	  | Register--------------------------- >|
	  |< -------------------------------- 401 |
	  | Register--------------------------- >|
	  |< -------------------401(stale=true) |
	 Out of Registration
		7.000

1-3	Improvement Macro name {MAC} or {mac} become to be used in the DHCP_HOST_NAME. Previous version of software It can not use Macro name {MAC} or {mac} in the DHCP_HOST_NAME.	7.000

1-4	Improvement [IMS] Implement the configuration parameter to add port number to "From header" and "To header" of SIP message. Related configuration parameter: ADD_PORT_FROM_AND_TO_HEADER_n	7.000
1-5	Improvement [IMS] Password is required when the following menu is accessed by headset of TGP. (1)Menu > Setting Handset > Display Option > Handset Name (2)Menu > Setting Handset > Display Option > Caller ID Disp (3)Menu > Setting Handset > System Option (4)Menu > Setting Handset > Other Option > Change Password (5)Menu > Setting Handset > Other Option > Embedded Web (6)Menu > System Settings > Network Settings (7)Menu > System Settings > System Settings Related configuration parameter: HANDSET_NAME_PASS_ENABLE CALLER_ID_DISP_PASS_ENABLE SYSTEM_OPTION_PASS_ENABLE CHANGE_PASS_PASS_ENABLE EMBEDDED_WEB_PASS_ENABLE NETWORK_SETTINGS_PASS_ENABLE SYSTEM_SETTINGS_PASS_ENABLE	7.000
1-6	Improvement Implement Quick Search (like T9). New configuration parameter: PB_QUICK_SEARCH_ENABLE	7.000
1-7	Modification Fixed issue : Syslog is automatically sent out by configuring Syslog server address even if log level is 0.	7.000

1-8	Improvement Improvement of MOS score calculation while accessing VM. 'New configuration parameter: VQREPORT_PACKET_LOSS_DETECTION	7.000
1-9	Improvement Even when pushing the "OK" button short time, it extends the time to show "HOLD DOWN OK TO REGISTER" on the LCD.	7.000
1-10	Improvement Backlight of LCD keeps ON in standby is available. Related configuration parameter: LCD_BACKLIGHT_STBY_MENU_ENABLE	7.000
1-11	Improvement When exchanging the battery that is full charged, the phone becomes to show battery pict as full.	7.000

	1-12	Improvement HTTP PUT enhancement for Boot Log HTTP PUT for Boot log is done repeatedly in regular interval timer defined by new CFG. New configuration parameter: BOOTLOG_CYCLIC_INTVL	8.000
	1-13	Improvement FQDN can be set in XMLAPP_RCV_DOMAIN_NAMEx (x=1,2). Only IP addresses resolved by DNS with the FQDN are accepted for HTTP POST access.	8.000
?	1-14	Improvement After Sniffer Dump started, Sniffer Dump keeps working even after base unit rebooting.	8.000
	1-15	Improvement RECVBACK_RESCODE_OUTOFRANGE is "Open" (It was "Not Open")	8.000

1-16	Improvement User Interface improvement for call handling. Call Waiting display keeps showing (does not disappear) in Call Waiting. New configuration parameter: CW_DISPLAY_CONTINUATION_ENABLE	8.000
1-17	Improvement Line Status Menu display shows [In Use/Barge].(It was [In Use]) New configuration parameter: DISPLAY_BARGE_IN_ENABLE	8.000
1-18	Improvement Battery charge display is corrected after replacing the batteries.	8.000
1-19	Long delay with provisioning	8.000

1-20	Config priority enhancement. (Before)There is no priority among Phone's Menu settings, Web setting and CFG file settings. (Always overwritten) (After) Priority mode, Both HDV Menu settings and HDV Web setting are NOT overwritten by CFG file, is available. New configuration parameter: SETTING_PRIORITY_OPTION 0: Last setting data 1: Can not overwrite setting by Master Configuration file. 2: Can not overwrite setting by all Configuration file.	8.000
1-21	Improvement Implement the retry specification of downloading configuration files. New configuration parameter: CFG_RTRY_INTVL_MODE CFG_RTRY_TIMES CFG_RTRY_TM	8.000
1-22	Improvement Ability to execute Linux "TRACEROUTE" command thru XML. Related configuration parameter: LOGGING_LEVEL_NW2 (Required set as "6")	8.000
1-23	Improvement Ability to support forced reboot the target device via WebUI, XML and SIP NOTIFY (Event: check-sync; forcedreboot=true).	8.000
1-24	Improvement Ability to store syslog even after the device receives "0.0.0.0" as syslog server address in DHCP Options.	8.000
1-25	Improvement Logging feature enhancement. -Ability to export APP logs via WebUI when Syslog server address is not assigned. -Ability to get Link up/down logs with time stamp. -Ability to keep logging APP logs even after reboot.	8.000
1-26	Improvement Following configuration parameter has been added. New configuration parameter: DHCPCD_RECOVERY_TIME	8.000
1-27	Improvement If the parameter HANDSET_NAME_HSy receives a value longer than 16 digits, the name to be truncated but not ignored.	8.000

No.		Fix version
1-28	Improvement Change the specific Deutsch words as below. English : "Remote Phonebook" / German : "Remote Phonebook" → "Zentr. Tel.buch"	8.000
1-29	HDV and TGP600 are sending both SUBS Event x-broadworks.callpark and SUBS Event Dialog for call park when CALLPARK_NOTIFICATION_ENABLE_n="Y". It doesn't need to send SUBS Event Dialog.	8.000

2. Fixed Issues

No.	Fixed issue	Fix version
2-1	The phone sends "REGISTER" to some SIP server. Server don't answer to phone (shut down, for example, or internet connection lost) The phone sends "REGISTER" during 12 hours, after it, it's stop to sending "REGISTER".	6.025
2-2	Due to read error of flash memory, in worst case, TGP600 might not power up. It depends on the variation of characteristic of flash memory, and this phenomenon occurs very rarely. We implemented patch for flash driver.	6.025
2-3	Modification Fixed issue : XSI Phonebook When a contact will be saved in international format e.g. +41582238105, it is not possible to call this contact from Panasonic Phone. Reason: Broadsoft convert the Phone Numbers in international format with the "-" character e.g. +41-582238105. When it tries to call a contact from the Common Phone List, the Panasonic Phones will initiate the Call with the "-"character, which is not possible (INVITE will be sent with 0041-582238105 and this is not a valid Phone Number format.) Related configuration parameter:	6.027
2-4	Modification Fixed issue : The phone replies 486 BUSY here when it is sent an INVITE with REPLACES(2nd).	6.027

2-5	Modification Fixed issue : There is a case, no voice occurs under Teles environment. A calls B C does the pickup A and C are now connected A just hears the Ringtone C has no Audio	6.027
2-6	Modification Fixed issue : When the phone receives 200OK including Record-Route header for register, the phone cannot send Subscribe message.	6.027
2-7	Modification Fixed issue : The condition is XSI call log using. When deleting the list of missed calls, the list of received call is also deleted.	6.032

2-8	Modification
	Fixed issue :
	If the setting for the parameter HANDSET_NAME_HSy contains UTF-8 character codes,
	  - the final digit of the name will be garbled on the screen.
	  - the name will be shown less than 16 digits on the screen.
		6.032

2-9	Modification Fixed issue : Some of Incoming Call process remains eternally. During that, incoming call doesn't ring and outgoing call can not be made at some of HS. If Firmware update is made, Firmware update is not completed. Symptom occurs only under the following specific CFG + specific DECT condition. (CFG) SEND_180_ALERT_ENABLE = "Y" (DECT) When incoming call happens in below condition HS is Out of range or HS Power is OFF or DECT channel is not available.	6.032

2-10	Modification Fixed issue : There is a case, Web access is unavailable by IE, Chrome and Firefox.	7.000
2-11	Modification Fixed issue : There is a case, the phone can success to get provisioning file without Server authentication. New configuration parameter: HTTP_SSL_TIME_ASYNC_VERIFY	7.000
2-12	Modification Fixed issue: The number "0000" is set as following operation. Operation: 1. FWD On 2. FWD Off 3. Then that number is deleted Condition: FWD_DND_SYNCHRO_MODE = "1" #Broadsoft Feature Key Synchronization	7.000

2-13	Modification Fixed issue : When the phone receives 202 message in response to Subscribe for DND sync message, it fails to set DND parameter.	7.000
2-14	Condition: The phone has multi account. There is a case, when link down and link up occur in the short time, the phone is not be able to acquire IP address. After that, the status LED changes to amber (slow flashing) when users tries to make a call. New config parameter, to recover this issue, needs to be set. DHCPCD_RECOVERY_TIME = 60 (Default:0, Range:30-3600)	8.000
2-15	Modification Fixed issue : Handset display keeps showing "Searching" in some condition. Pressing [Cancel] button can not cancel the "Searching".	8.000
2-16	HDV and TGP600 are sending both SUBS Event x-broadworks.callpark and SUBS Event Dialog for call park when CALLPARK_NOTIFICATION_ENABLE_n="Y". It doesn't need to send SUBS Event Dialog.	8.000
2-17	When DISCLOSE_FUNCTION_ENABLE="N" Quick dial doesn't work.	8.000
2-18	When the phone has 8 Lines x 8 Handset in a simultaneous ring. Unfortunately the phone is not responding with 180 Ringing immediately and Broadsoft is Cancelling the INVITEs.	8.000
2-19	When CALL_SETTINGS_MENU_ENABLE="N" User presses [MENU] -> [System Settings] and Call Settings option is not available. User presses [MENU] -> [System Settings] -> [System Settings] -> [Multiline Setting] -> [Incoming Call] then user presses back button [Softkey A] three times and can now see [Call Settings] option.	8.000

2-20	Under CDP/LLDP configuration, phone obtains IP address without VLANID from DHCP server then phone obtains IP address with VLANID from DHCP server . (1st IP address is not used and needs to wait to be released by lease time out)	8.000
2-21	Battery indication in DECT Monitoring goes wrong in some cases.	8.000
2-22	One handset and one line registered to the base, then set SYSTEM_SETTINGS_PASS_ERNABLE="Y". From the Handset go to [MENU] -> [System Settings] -> [System Settings] -> enter [adminpass] -> [Multiline Setting] -> [Incoming Call] -> press back [Softkey A] and then the Handset resets.	8.000
2-23	Modification Fixed issue: When TGP600 receives Notify to set FWD/DND and 8 simultaneous INVITEs. It can not respond 180 Ringing immediately and Broadsoft cancels the INVITEs.	8.000
2-24	Modification Fixed issue: Handset lost air signal and displays as "No Service", if there is DECT signal interference. Note: Reboot, right after firmware update to this version, takes longer than normal reboot because sub CPU firmware update takes place.	8.000
2-25	Modification Fixed issue: DHCPcd bug which sometimes can not get IP address.	8.000
2-26	Modification Fixed issue: Under CDP/LLDP configuration, phone obtains IP address without VLANID from DHCP server then phone obtains IP address with VLANID from DHCP server . (1st IP address is not used and needs to wait to be released by lease time out)	8.000
2-27	Modification Fixed issue: In Teles server environment only. Unexpected call log is stored in outgoing call log when following operation will be done. Operation: 1.The device dials to user-A. 2.User-A does blind transfer the call to user-B. Outgoing call log for user-B is stored in the device. Therefore if the user does redial, it dials to user-B (even though user's expectation	8.000
2-28	Modification Fixed issue: Regarding XSI Call log, when deleting the list of missed calls, the list of received call is also deleted.	8.000

No.	Fixed issue	Fix version
2-29	Modification Fixed issue: There is a case, "Error 003" is shown on the LCD after following operation. Operation: Cancel outgoing call just after outgoing dial fixed. 1) Dial phone number. 2) Push SP phone button/off hook. (INVITE message will be sent to server here.) 3) Cancel the call immediately before hearing any tone. Condition: Server replies only 4xx message, not replies 100 message, in response to INVITE message.	8.000
2-30	Modification Fixed issue: The device stops ringing ringer tone, when it receives 2 incoming calls and 1 of them is canceled from caller side.	8.000
2-31	When using Teles server. There is a case that it fails to attempt attendant transfer.	8.101
2-32	Modification Fixed issue : Condition: Under D-Link switch with LLDP There is a case, the phone cannot communicate with D-Link switch.	8.101
2-33	Modification Fixed issue : LDAP search shows wrong values	8.101
2-34	Modification Fixed issue : When the phone receives INVITE message with "From" header like this From: <tel:2171567;phone-context=+37517> , the phone shows "217156737517" on the LCD for incoming number. In this case, it should be "2171567".	8.101

2-35	Modification
	Fixed issue :
	There is a case that TGP600 can't receive incoming call when following conditions.
	 * Use Broadsoft XSI phonebook
	  * Either or both set these configuration parameters
	   - NETWORK_SEARCH_ENABLE="Y"
	   - DISPLAY_NAME_REPLACE="Y"
		8.102

3. Known Issues

No.	Fixed issue	Fix version
3-1	none	NA

4. Version Information

No.	Fixed issue	Fix version
4-1	TGP600: Ver.06.001 -> Ver.08.102 [Handset Firmware Version] TPA60: Ver.03.02.003 -> Ver. 03.03.006 TPA65: Ver.03.02.003 -> Ver. 03.03.005 UDT121: Ver.06.09.002 -> Ver. 06.09.009 UDT131: Ver.06.09.002 -> Ver. 06.09.009	NA