

<https://namlong.vn> Hotline: 092 888 2345

KX-HTS Step by Step Guide Basic Call

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Panasonic System Networks
PBX SE team

Specifications are subject to change without notice.

1. Overview

This document explains programming for following example.

1. Incoming call

from CO-1 to Extension 101

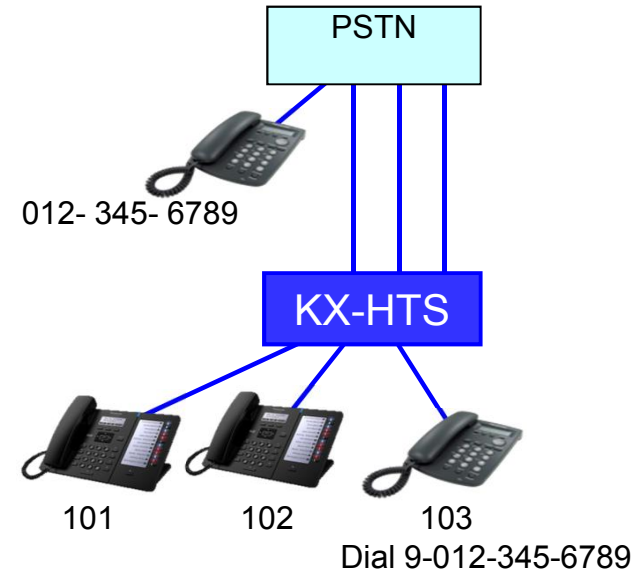
from CO-2 to Group (101 + 102)

from CO-3 to DISA AA and dial 1 to Group

AA : Automated Attendant

“Hello this is Panasonic Travel,
dial 1 to book Niseko Snow hotel,
dial 2 to.. .”

2. TRS (Toll Restriction) for outgoing call



2. Table of Contents

Chapter	Contents
1	Incoming Call : DIL / Group / DISA
2	Outgoing Call : TRS

Chapter 1

Incoming Call

11. DIL

Select "101" for CO-1.

Select "602:Group" for CO-2.

Select "501:DISA" for CO-3.

Different destination can be programmed for time service.

HTS Web Maintenance Console
000.00285

PBX Configuration

- 1. System
- 2. Extension
- 3. Trunk
 - 1. Port
 - 2. DIL
 - 3. DDI
 - 4. Caller ID Modify & Block
 - 5. DISA
 - 6. Analogue CO Property
 - 7. SIP Trunk Property
- 4. TRS/ARS

DIL
PBX Configuration > 3.Trunk > 2.DIL

CO Line Number	Day	Lunch	Night
1	101/	101/	101/
2	602/Group	101/	101/
3	101/	101/	101/
4	501/DISA	101/	101/
5	101/	101/	101/

12. Week Table

Time service can be switched automatically using week table or manually.

Current time service can be confirmed and switched by Web-MC.

HTS Web Maintenance Console
000.00285

Week Table
PBX Configuration > 1.System > 3.Week Table

Time Service Switching Mode: Manual Automatic

Current Mode: (Dropdown menu options: Day, Lunch, Night)

Week	Day 1 Start			Day 2 Start			Night Start					
	Enable	Hour	Minute	Enable	Hour	Minute	Enable	Hour	Minute	Enable	Hour	Minute
Sunday	<input checked="" type="checkbox"/>	9	0	<input type="checkbox"/>	12	0	<input type="checkbox"/>	13	0	<input type="checkbox"/>	17	0
Monday	<input checked="" type="checkbox"/>	9	0	<input type="checkbox"/>	12	0	<input type="checkbox"/>	13	0	<input type="checkbox"/>	17	0
Tuesday	<input checked="" type="checkbox"/>	9	0	<input type="checkbox"/>	12	0	<input type="checkbox"/>	13	0	<input type="checkbox"/>	17	0

13. Extension Group - Member

Select “101” and “102” as member for group “602”.

The screenshot displays the HTS Web Maintenance Console interface. The header shows "HTS Web Maintenance Console" and the IP address "000.00285". On the left, a "PBX Configuration" sidebar lists various settings, with "2.Extension" selected. The main content area is titled "Extension Group" and shows the breadcrumb "PBX Configuration > 2.Extension > 4.Extension Group". A "Group Number" dropdown is set to "602/Group". Below this, there are two tabs: "Group Setting" and "Extension of Member", with the latter being active. Under the "Extension of Member" tab, there is a sub-tab "Extension No. Setting" and a table with four rows for adding members.

Extension No. Setting	
1	101/
2	102/
3	
4	

14. DISA

Select "602" for AA-1 of DISA501.

HTS Web Maintenance Console
000.00285

PBX Configuration

- 1. System
- 2. Extension
- 3. Trunk
 - 1. Port
 - 2. DIL
 - 3. DDI
 - 4. Caller ID Modify & Block
 - 5. DISA
 - 6. Analogue CO Property
 - 7. SIP Trunk Property
- 4. TRS/ARS
- 5. System Speed Dialling
- 6. Conference
- 7. Voice Mail

DISA
PBX Configuration > 3.Trunk > 5.DISAs

Message System

OGM Number	Floating Extension Number [0-9]	Name	1 Digit AA Destination (Extension Number) Dial0	1 Digit AA Destination (Extension Number) Dial1
1	<input type="text" value="501"/>	<input type="text" value="DISA"/>	<input type="text" value=""/>	<input type="text" value=""/>
2	<input type="text" value="502"/>	<input type="text" value="DISA"/>	<input type="text" value=""/>	<input type="text" value=""/>
3	<input type="text" value="503"/>	<input type="text" value="DISA"/>	<input type="text" value=""/>	<input type="text" value=""/>

Dropdown menu for Dial1:
124/
601/Group
602/Group
603/Group

15. Music on Hold for DISA

Sending Music or Ring-back tone can be selected for DISA call.

The screenshot displays the HTS Web Maintenance Console interface. The header shows 'HTS Web Maintenance Console' and the IP address '000.00285'. On the left, a 'PBX Configuration' sidebar lists various system settings, with '1. System' expanded to show sub-items like 'Date & Time', 'MOH', 'Week Table', etc. The main content area is titled 'MOH' and shows the configuration path 'PBX Configuration > 1. System > 2. MOH'. It includes options for 'Music on Hold' (set to 'Original Music'), an 'Upload Music File' field with a 'Browse' button, and 'Sound on DISA' options (set to 'Ringback Tone'). A 'Memo' section at the bottom provides instructions on using WAV files for music on hold.

HTS Web Maintenance Console
000.00285

PBX Configuration

- 1. System
 - 1. Date & Time
 - 2. MOH
 - 3. Week Table
 - 4. Numbering Plan
 - 5. Timers
 - 6. System Options
 - 7. SMDR
- 2. Extension
- 3. Trunk

MOH
PBX Configuration > 1. System > 2. MOH

Music on Hold Original Music

Upload Music File

Sound on Transfer Ringback Tone

Sound on DISA Same as Music on Hold Ringback Tone

Memo
When an extension user holds a call, the held party hears music.
A WAV file of any format can be copied to KX-HTS PBX.

16. Record DISA

Manager extension can record a DISA greeting.
Extension 101 and 103 are Manager by default.

<IP Phone>

Dial *36 1(Recording) + 501 + Off hook.

After confirmation tone, you can start recording.

“Hello this is Panasonic Travel....”

To end record, dial #.

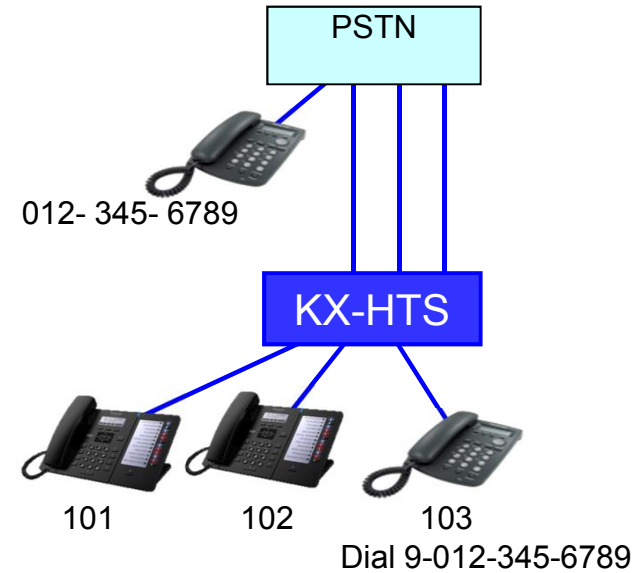
To delete : *36 0 + 501 + Off hook

To listen : *36 2 + 501 + Off hook

17. Test

Call CO 1 to 3 from PSTN.

CO-1 to Extension 101
CO-2 to Group (101 + 102)
CO-3 to DISA AA



Chapter 2

Outgoing Call

21. TRS level for Extension

TRS level can be programmed for each extension and time service. For example, 101 for level 2 and 102 for level 3.

HTS Web Maintenance Console
000.00312 English (UK)

PBX Configuration

- 1. System
- 2. Extension
 - 1. Port
 - 2. Phone
 - 3. Flexible Buttons
 - 4. Extension Group
 - 5. Doorphone
 - 6. Analogue SLT Property
 - 7. SIP Extension Property
- 3. Trunk
- 4. TRS/ARS
- 5. System Speed Dialling
- 6. Conference
- 7. Voice Mail

Network Configuration

Port

PBX Configuration > 2. Extension > 1. Port

Main Analogue Extension SIP Extension

Extension Number	Extension Name	Attribution	FAX Connection	Manager	TRS Level (COS) Day	TRS Level (COS) Lunch	TRS Level (COS) Night	TRS Level (COS) Speed Dial	TRS Level (COS) Dial Lock
101	Edit	SIP 23	No	Enable	2	2	2	1	5
102	Edit	SIP 24	No	Disable	3	3	3	1	5
103	Edit	Analogue SLT1	No	Enable	2	2	2	1	5

22. Leading Digits

Allow and deny can be programmed for dial.

Phone number of public telephone network has to be programmed.

If programming is as follows,

9/0-011-xxxxxxxxxx except 9/0-011-81-xxxxxxxx is restricted for TRS level 2.

9/0-011-xxxxxxxxxx including 9/0-011-81-xxxxxxxx is restricted for TRS level 3.

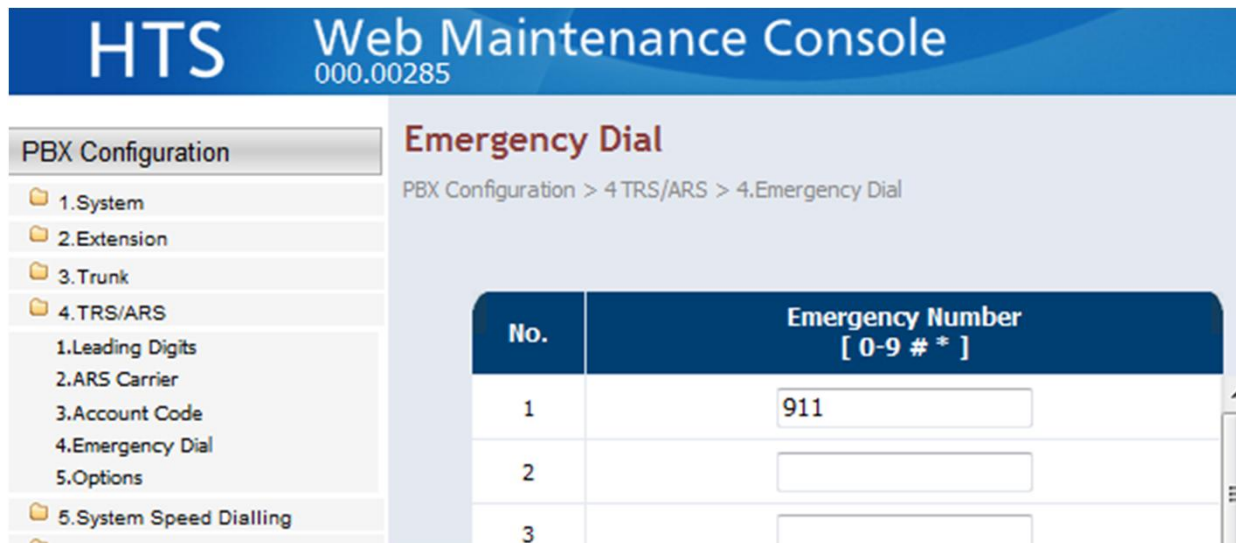
The screenshot shows the HTS Web Maintenance Console interface. The left sidebar contains a 'PBX Configuration' menu with options: 1.System, 2.Extension, 3.Trunk, 4.TRS/ARS, 1.Lleading Digits, 2.ARS Carrier, 3.Account Code, 4.Emergency Dial, 5.Options, and 5.System Speed Dialling. The main content area is titled 'Leading Digits' and shows a breadcrumb path: 'PBX Configuration > 4 TRS/ARS > 1.Lleading Digits'. Below this is a table with the following data:

No.	Leading Digits [0-9 # * N X Z]	TRS Level (COS) 1	TRS Level (COS) 2	TRS Level (COS) 3
1	011	Allow	Deny	Deny
2	01181	Allow	Allow	Deny
3		Allow	Deny	Deny

011 is international access code from Canada. 81 is country code of Japan.

23. Emergency Dial

Emergency dial overrides TRS (Restriction).



The screenshot shows the HTS Web Maintenance Console interface. The header includes "HTS" and "Web Maintenance Console" with the version number "000.00285". A left-hand navigation menu is titled "PBX Configuration" and lists several categories: "1.System", "2.Extension", "3.Trunk", "4.TRS/ARS", "5.System Speed Dialling", and "4. Emergency Dial". The "4. Emergency Dial" category is selected, and its sub-items are: "1.Leading Digits", "2.ARS Carrier", "3.Account Code", "4.Emergency Dial", and "5.Options". The main content area is titled "Emergency Dial" and shows a breadcrumb trail: "PBX Configuration > 4.TRS/ARS > 4.Emergency Dial". Below this is a table with two columns: "No." and "Emergency Number [0-9 # *]". The table contains three rows, with the first row having the value "911" in the "Emergency Number" field.

No.	Emergency Number [0-9 # *]
1	911
2	
3	

911 is to call police in Canada.

Thank you !

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Revision

Date	No.	Change
June 30, 2015	All	First draft
July 23, 2015	All	2nd draft
July 28, 2016	All	GUI was revised.
	All	First official release
August 4	16 (Page 10)	Explanation was revised.
	Chapter 2	Explanation was revised.