

Partner: BSS Audio
Model: DCP-555
Device Type: Digital Signal Processor



GENERAL INFORMATION

SIMPLWINDOWS NAME:	BSS DCP-555 VoIP Control v1.0
CATEGORY:	DSP
VERSION:	1.0
SUMMARY:	This module controls the VoIP call dialer.
GENERAL NOTES:	This module is used to manage calls and common VoIP settings. The VoIP line should be registered before attempting to control the dialer. Advanced VoIP settings can be set via the device web interface or via the generic control modules.
CRESTRON HARDWARE REQUIRED:	3 Series processor <u>only</u>
VENDOR FIRMWARE:	1.1.1

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**CONTROL:**

Redial	D	Pulse to redial the last dialed number.
Hold	D	Pulse to put the current call on hold.
Resume	D	Pulse to resume the current on-hold call.
Answer	D	Pulse to answer incoming calls.
Dial	D	Pulse to dial the currently dialed number.
Hangup	D	Pulse to hang up active calls or reject incoming calls.
Keypad [0-9, *, #]	D	Press to send corresponding dial character or DTMF tone (if in a call).
Keypad_Clear	D	Pulse to clear the currently dialed number.
Keypad_Backspace	D	Pulse to delete the last character dialed.
Dial_String	S	Changes to this signal will automatically be sent to the dialed number string. Should be used for auto typing predefined numbers such as speed dial or contacts.
AutoAnswer_On	D	Pulse to turn the Auto Answer feature on.
AutoAnswer_Off	D	Pulse to turn the Auto Answer feature off.
AutoAnswer_Toggle	D	Pulse to toggle the Auto Answer feature on/off.
DND_Enable	D	Pulse to turn the Do Not Disturb feature on.
DND_Disable	D	Pulse to turn the Do Not Disturb feature on.
DND_Toggle	D	Pulse to toggle the Do Not Disturb feature on/off.

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**FEEDBACK:**

Is_Initialized	D	Set to high when the module has successfully received the required responses to all queries.
Is_Registered	D	Set to high when the VoIP line has successfully registered with the call server.
Call_State	A	Reports the current call state as a numeric value.
Call_State_Text	S	Reports the current call state as a text value.
Caller_ID	S	Reports the far end participant's caller ID.
Incoming_Call	D	Indicates that there is an incoming call.
Keypad_Text	S	Reports the current string of characters entered for dialing.
AutoAnswer_Is_On	D	Indicates that the Auto Answer feature is currently on.
AutoAnswer_is_Off	D	Indicates that the Auto Answer feature is currently off.
DND_Is_Enabled	D	Indicates that the Do Not Disturb feature is currently enabled.
DND_Is_Disabled	D	Indicates that the Do Not Disturb feature is currently disabled.

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**PARAMETERS:**

Index	A	Defines the VoIP line to be used for calling.
Auto_Answer_After	A	Defines how many times the line should ring before the Auto Answer feature will accept the call.
Command_Processor_ID	A	Setting to indicate the ID for the command processor that this module will register itself with.

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**TESTING:**

OPS USED FOR TESTING:	CP3 1.600.3781.33119
SIMPL WINDOWS USED FOR TESTING:	4.11.06
CRES DB USED FOR TESTING:	81.05.001.00
DEVICE DATABASE:	107.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	1091
SAMPLE PROGRAM:	BSS DCP-555 IP Demo
REVISION HISTORY:	v1.0 – Initial Release