

Partner: Clearone
Model: ConvergePro2
Device Type: Digital Signal Processor



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Clearone ConvergePro2 SkypeDialer Control v1.4
CATEGORY:	Mixer
VERSION:	1.4
SUMMARY:	This module controls the Clearone ConvergePro2 Skype 4 Business (SFBUA) Telephone Dialer.
GENERAL NOTES:	This module control the SFBUA block names and parameters associated with the Skype 4 Business dialing features.
CRESTRON HARDWARE REQUIRED:	3-series processor only
SETUP OF CRESTRON HARDWARE:	This module requires the "Clearone ConvergePro2 Command Processor IP v1.4" or the "Clearone ConvergePro2 Command Processor RS232 v1.4" modules in order to operate. Please read the help files associated with these modules.
VENDOR FIRMWARE:	v5.0.35.0

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**PARAMETER:**

Command_Processor_ID	Setting to indicate the ID for the command processor that this module will register itself with.
Channel_Name	You must use the DSP Control Points "Named" Value vs the EPT/EPN values. Correct Example: "Skype_Name_2_01"

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CONTROL:

Poll	D	Pulse to poll.
OnHook	D	Pulse to put the active call On-Hook.
OffHook	D	Pulse to put the active-call Off-Hook
HookToggle	D	Pulse to toggle the active-call between On-Hook and Off-Hook.
Resume	D	Pulse to resume to active call.
Reject	D	Pulse to reject the active call.
Accept	D	Pulse to accept the active call.
Leave	D	Pulse to leave the active call.
Skype_Keypad_[0-9,*,#,+]	D	Pulse to enter a number to dial. If the active call is "ACTIVE", then will send DTMF tones.
Keypad_Dial	D	Pulse to dial the entered phone number.
Keypad_Clear	D	Pulse to clear the entered phone number.
Keypad_BackSpace	D	Pulse to delete the last digit of the entered phone number.
DialNumber	S	Set to enter a complete number to dial.
Reset_List	D	Pulse to reset the contact list to the top level.
Reset_FilterSearchInput	D	Pulse to reset the filter/search field.
FilterSearch_Input_Text	S	Set to filter the current known names from the contact list. Duplicates will not be shown.
Perform_ContactSearch	D	Pulse to perform a deep search of all contacts using the FilterSearch_Input_Text field.
Select_List_Item	A	Set to select an item from the contact list. Valid range (1-100)
Dial_Contact	D	Pulse to dial the selected contact from the list.
Add_Contact_To_Active_Session	D	Pulse to add the selected contact to the active call/session

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CONTROL *continued:*

Add_Contact_To_Active_Session	D	Pulse to add the selected contact to a new group. The groups to assign will be displayed as the next step. Press the group at that point.
Remove_Contact_From_Group	D	Pulse to remove the selected contact for the current group.
Remove_Contact_From_All_Groups	D	Pulse to remove contact from all groups.
Create_Session_Using_Selection	D	Pulse to create a session/meeting/call. If group is selected all contacts in that group will be invited.
Perform_DeleteGroup	D	Pulse to delete the current selected group.
Meet_Now	D	Pulse to start a new meeting now.
MeetingConferenceID_Input_Text	S	Set to assign meeting id for Join_Meeting and Join_Conference.
Join_Meeting	D	Pulse to join meeting using MeetingConferenceID_Input_Text.
Join_Conference	D	Pulse to join conference using MeetingConferenceID_Input_Text.
Select_Session	A	Set to choose the Active Session/Cal/Meeting. Valid range 1d-10d
GroupName_Input_Text	S	Set to assign a new GroupName, use Perform_CreateGroup to create.
Perform_CreateGroup	A	Set to choose the Active Session/Cal/Meeting. Valid range 1d-10d

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FEEDBACK:

Is_Initialized	D	High Indicates the module has received the minimum information in order to function.
Registration_Status	A	Skype module must indicate "REGISTERED" in order to operate. 0d = UNKNOWN 1d = REGISTERED 2d = NOT_REGISTERED 3d = NO_PROXY_DEFINED
Registration_Status_Text	S	Text Description for Registration_Status. UNKNOWN, REGISTERED, NOT_REGISTERED, NO_PROXY_DEFINED
Call_State	A	Call Status for the Active Call/Session/Meeting. 0d = UNKNOWN, 1d = IDLE, 2d = CONNECTING, 3d = RINGING, 4d = BUSY, 5d = ACTIVE, 6d = HOLD, 7d = INCOMING, 8d = CONFERENCE_JOIN, 9d = INVITE_JOIN_AUDIO
Call_State_Text	S	Text Descriptions for Call_State. UNKNOWN, IDLE, CONNECTING, RINGING, BUSY, ACTIVE, HOLD, INCOMING, CONFERENCE_JOIN, INVITE_JOIN_AUDIO

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FEEDBACK *continued:*

Keypad_Text	S	Current entered dial number.
Skype_FilterSearch_Text	S	Current entered FilterSearch_Text
Current_List_Items_Type	A	Current type of information displayed in the list Current_List_Item_**_Text. 0d = UNKNOWN, 1d = //ROUPS, 2d = CONTACTS, 3d = INFOONLY
Current_List_Items_Count	A	How many Items are displayed on the list.
Current_List_Help_Text	S	Basic Help on what the list is expecting the user to do.
Skype_Current_List_Item_**_Text	S	Displayed List Items. Can be group, contact or Info information.
Selected_List_Item_Name	S	Currently selected item display name.
Selected_List_Item_Type	A	Currently selected item type 0d = UNKNOWN, 1d = GROUPS, 2d = CONTACTS
Selected_List_Item_Group	S	If the Currently selected item is a CONTACT this will display what GROUP is assigned.
Selected_List_Item_Is_Contact	D	High when currently selected item is a CONTACT.
Selected_List_Item_Is_Group	D	High when currently selected item is a GROUP.
Selected_Active_Session	A	Which one of the calls/session/meeting is active. The Call control section of the module will affect this session.
Session_Count	A	How many simultaneous calls/sessions/meetings.
Current_Sessions_**_Text	S	Displays the call/meeting/session display text.

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FEEDBACK *continued:*

Current_Sessions_**_State	A	Call Status for each of the calls/sessions/meetings. 0d = UNKNOWN, 1d = IDLE, 2d = CONNECTING, 3d = RINGING, 4d = BUSY, 5d = ACTIVE, 6d = HOLD, 7d = INCOMING, 8d = CONFERENCE_JOIN, 9d = INVITE_JOIN_AUDIO
Active_Session_MeetingID_Text	S	Meeting ID of the ACTIVE call/session/meeting.
Skype_Active_Session_Url_Text	S	URL of the ACTIVE call/session/meeting.
Active_Session_Is_Conference	D	High when the active call/session/meeting is an actual conference.
ErrorMessage	S	Displays last error message received from the ConvergePro2.

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**TESTING:**

OPS USED FOR TESTING:	CP3: v1.601.3857.30174
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:	Clearone ConvergePro2 Skype Demo v1.4
REVISION HISTORY:	v1.2 – Initial Release v1.4 – No revisions have been made to this module.