

**Partner: Yealink**  
**Model: VC Series**  
**Device Type: Video Conference Codec**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Yealink VC Series Address Book Component v1.0
<b>CATEGORY:</b>	Conferencing
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	<p>This module controls the Address Book functionality of Yealink VC Series codecs.</p> <p>This is a standalone module allowing for retrieval and navigation through the list of Address Book entries provided by the Yealink VC Series codec. This module can be added to your SIMPL program any number of desired times, allowing for multiple touchpanels to navigate through the Address Book list independently.</p>
<b>GENERAL NOTES:</b>	<p>This module is not required in order to control the base functionality of the codec and should only be included if Address Book functionality is desired.</p> <p>Each address book entry may have multiple numbers associated with it, each of which can be dialed independently.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	Crestron 3-Series processor.
<b>SETUP OF CRESTRON HARDWARE:</b>	This module requires the Yealink VC Series IP v1.0 or the Yealink VC Series RS232 v1.0 modules in order to operate. Please read the help files associated with these modules for additional information.
<b>VENDOR FIRMWARE:</b>	Tested with firmware 40.20.254.202
<b>VENDOR SETUP:</b>	N/A

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**PARAMETER:**

<b>Instance_ID</b>	Setting to indicate the instance of a particular codec module that the Address Book module will be linked to. Up to 5 separate codec modules may be used in a single program, each one operating independently. This parameter is used to assign the Address Book module to a specific codec.
<b>Address_Book_Entries_Per_Page</b>	Setting to indicate the number of address book items at a time the module will send back to the program. This number correlates to the number of items that make up the list on the touchpanel (Min: 1   Max: 10).
<b>Address_Book_More_Numbers_Per_Page</b>	This setting indicates the number of additional number items at a time the module will send back to the program. This number correlates to the number of items that make up the list on the touchpanel (Min: 1   Max: 10).

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**CONTROL:**

<b>Address_Type_[X]</b>	D	Pulse to switch the current address book type to [X]. Once selected, the module will retrieve the entries of the selected type. Upon program start, "All" will be the default type selected.
<b>Address_Search_String_In</b>	S	Serial signal to send a string to be searched for in the address book into the module.
<b>Address_Previous_Page</b>	D	Pulse to retrieve the previous set of entries. Based on the value of the Address_Book_Entries_Per_Page parameter, the module automatically sends back the appropriate entries for the current page.
<b>Address_Next_Page</b>	D	Pulse to retrieve the next set of entries. Based on the value of the Address_Book_Entries_Per_Page parameter, the module automatically sends back the appropriate entries for the current page.
<b>Address_Entry_Select</b>	A	Sets the value of the currently selected address book entry.
<b>Address_Dial_Selection</b>	D	Pulse to dial the number associated with the selected address book entry. Note: local contacts can each have multiple numbers associated with them. If the selected entry is of type "Local", pulsing this signal will dial the first (i.e. main) number associated with the entry. If the selected entry is of type "Conference", pulsing this signal will perform a conference dial on all numbers associated with the contact.
<b>Address_Search</b>	D	Pulse to perform a search through the address book for the string that has been passed in on the Address_Search_String_In signal. Data for each entry found in the search will be returned from the module. Note: searches are performed on the entire address book.
<b>Address_More_Numbers_Previous_Page</b>	D	Pulse to retrieve the previous set of numbers for the selected entry. Based on the value of the Address_Book_More_Numbers_Per_Page parameter, the module automatically sends back the appropriate entries for the current page.
<b>Address_More_Numbers_Next_Page</b>	D	Pulse to retrieve the next set of numbers for the selected entry. Based on the value of the Address_Book_More_Numbers_Per_Page parameter, the module automatically sends back the appropriate entries for the current page.
<b>Address_More_Numbers_Entry_Select</b>	A	Sets the value of the currently selected number.
<b>Address_More_Numbers_Dial_Selection</b>	D	Pulse to dial the currently selected number for the currently selected address book entry.

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**FEEDBACK:**

<b>Address_Type_Is_[X]</b>	D	High to indicate the current address book type is set to [X].
<b>Address_Current_Page</b>	A	Value indicating the current page of entries for the currently selected Address Book Type. This value is automatically determined based on the value of the Address_Book_Entries_Per_Page parameter.
<b>Address_Total_Pages</b>	A	Value indicating the total pages of entries for the currently selected Address Book Type. This value is automatically determined based on the values of Address_Total_Entries and the Address_Book_Entries_Per_Page parameter.
<b>Address_Total_Entries</b>	A	Value indicating the total entries found for the currently selected Address Book Type.
<b>Address_Entry_Selected</b>	A	Value indicating the currently selected address book entry.
<b>Address_[X]_Type_Text</b>	S	Serial string indicating the Type information for the entry at index [X]. The data on these signals will automatically change as the address book list is paged through.
<b>Address_[X]_Name_Text</b>	S	Serial string indicating the Name information for the entry at index [X]. The data on these signals will automatically change as the address book list is paged through.
<b>Address_[X]_Number_Text</b>	S	Serial string indicating the main Number information for the entry at index [X]. The data on these signals will automatically change as the address book list is paged through.
<b>Address_[X]_More_Numbers_Are_Available</b>	D	High to indicate that more numbers are available for the address book entry at index [X].
<b>Address_More_Numbers_Current_Page</b>	A	Value indicating the current page of numbers for the currently selected address book entry. This value is automatically determined based on the value of the Address_Book_More_Numbers_Per_Page parameter.
<b>Address_More_Numbers_Total_Pages</b>	A	Value indicating the total pages of numbers for the currently selected address book entry. This value is automatically determined based on the values of Address_More_Numbers_Total_Entries and the Address_Book_More_Numbers_Per_Page parameter.
<b>Address_More_Numbers_Total_Entries</b>	A	Value indicating the total numbers found for the currently selected address book entry.
<b>Address_More_Numbers_Entry_Selected</b>	A	Value indicating the currently selected number for the currently selected address book entry.
<b>Address_More_Numbers_[X]_Text</b>	S	Serial string indicating the number information at index [X] for the currently selected address book entry. The data on these signals will automatically change as the list of numbers for the currently selected address book entry is paged through.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	CP3: 1.501.0013
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.03.20.00
<b>CRES DB USED FOR TESTING:</b>	55.00.011.00
<b>DEVICE DATABASE:</b>	73.05.002.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	985
<b>SAMPLE PROGRAM:</b>	Yealink VC Series Demo IP CP3 Yealink VC Series Demo RS232 CP3
<b>REVISION HISTORY:</b>	v1.0 – Initial Release