

NetCIRA SET



NetCIRA SET is a PC software utility that will allow you to configure both NetCIRA and other compatible 3rd-party devices present on a NetCIRA network segment.

Important: Please read fully before installation and use

Terms of use

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Note: Beta Software

This downloadable version of NetCIRA SET is beta software and not fully tested by our quality control department. Please report any errors or “bugs” to beta@netcira.com

Operation

Launch NetCIRA SET by double-clicking the NetCIRA icon or shortcut.

Select Network Interface Card

The drop-down box shows the available network adaptors on the host PC. You may have more than one network adaptor and/or a wireless network adaptor on your host PC. Select the one that is connected either directly to the first NetCIRA product of your NetCIRA installation, via an Ethernet CAT5e “Cross-Cable” to the “IN” Ethernet port (this first product is known as the “Primary Master”); or to the Ethernet network that has the Primary Master connected to it through a hub or switch, via a standard CAT5e cable, also to the “IN” Ethernet port.

Select NetCIRA Network

The drop-down box shows available NetCIRA audio networks available to the host PC. Your installation may be running more than one NetCIRA segment connected via a hub or switch. The drop-down box will show the MAC address of each of the “Primary Masters” connected in turn. You can only control and view one NetCIRA segment at a time.

Refresh

Press the Refresh key to have NetCIRA SET interrogate the devices connected to the selected Primary Master. Devices discovered will be displayed in the window below. Be sure to press Refresh each time that you modify the NetCIRA segment by adding or removing NetCIRA products.

Select NetCIRA Device

Available NetCIRA devices will be displayed in this scrollable window. The column sizes are user adjustable by placing your pointing device on the break between the column titles, holding your select key and dragging the column break left and right.

Device: lists all the discovered devices on the NetCIRA segment by MAC address or assigned user name e.g. “00.06.64.FF.FF.36” or “Reception”

Model: Displays the NetCIRA-assigned model name for the discovered NetCIRA product e.g. "MS-8"

Setting: Displays whether the NetCIRA product is set by its local DIP switches to "Local" control only or "Remote" control. In order to change channel and/or level assignments of a connected NetCIRA device by NetCIRA SET, the devices must be in "Remote" mode.

Input: Displays the total number of input channels that that the product provides e.g. "8"

Output: Displays the total number of output channels that the product provides e.g. "2" or "8"

Audio Selection

Current Device: Shows the currently selected device as selected in the "Select NetCIRA Device" window with either your pointing device or scroll keys. The box on the left displays the MAC address of the selected device. The box on the right displays the user assigned name of the device. If the box on the right is blank, you may enter a user assigned name for the selected product in this box e.g. "Reception", "Restaurant", "Conference Room", "Bedroom", etc., etc. This will then appear in the Device column of the Select NetCIRA Device window and enables you to refer to the NetCIRA device with a name suitable for your installation by location.

Input A to Input H: If the selected NetCIRA device is an input module (Primary Master or Master), the Input entry boxes will be editable depending on the number of inputs the device has i.e. 2 inputs, Input A and Input B will be available for edit; 8 inputs, Input A though to Input H will be available for edit.

Select your desired physical input (A though H) and change between NetCIRA channel 1 through 64 by direct keyboard entry or using the respective up and down scroll buttons or keys.

When a NetCIRA device is highlighted in the "Select NetCIRA Device window" the current Input assignment of the unit will be shown.

Output A to Output H: If the selected NetCIRA device is an output module (Slave), the Output entry boxes will be editable depending on the number of outputs the device has i.e. 2 outputs, Output A and Output B will be available for edit; 8 outputs, Output A though to Output H will be available for edit.

Select your desired physical output (A through H) and change between NetCIRA channel 1 through 64 by direct keyboard entry or using the respective up and down scroll buttons or keys.

When a NetCIRA device is highlighted in the “Select NetCIRA Device window” the current Output assignment of the unit will be shown.

Level (ES-1/2x only): Certain NetCIRA Slave products have on-board level control of their outputs. Using the Left and Right scrollable boxes you can adjust the output level of these devices remotely from NetCIRA SET. If level control is available for the selected NetCIRA device, the boxes will be editable.

Select your desired level(Left and/or Right) and change between 0 (mute) to 255 by direct keyboard entry or using the respective up and down scroll buttons or keys.

Set: Press the SET button to send the settings of Inputs; and/or Outputs; and/or Level to the respective NetCIRA device. This will just store the setting in the LIVE Memory of the connected device. If power fails at any stage to the respective device, the device will revert to its STORED Memory setting.

Set And Save: Press the Set And Save button to send the settings of Inputs; and/or Outputs; and/or Level to the respective NetCIRA device. This will store the setting in the LIVE Memory of the connected device AND write these settings to the STORED Memory of the device. If power fails at any stage to the respective device, the device will revert to these new STORED Memory settings.

Note: When using Set And Save you will be asked to confirm your choice, Yes or No. Some NetCIRA devices use NVRAM (Non-Volatile Random Access Memory) to store settings in the event of power failure and these NVRAMs are limited to 100,000 write cycles. Once this is exceeded, the NVRAM chip would need to be replaced. We recommend that you use Set And Save to set-up your ‘power fail restart’ scenario, however, use Set for all temporary channel and/or level changes. All NetCIRA and Auvitran software applications such as “Auvitran Page Station” use the Set level for channel assignment and control and don’t ‘burn/write cycle’ the NVRAM. Other NetCIRA products use EEPROMs to store data which have virtually unlimited ‘burn/write cycles’.

Load & Save

You may take a 'snapshot' of your entire NetCIRA network segment including all channel and/or level settings, assigned user names, etc. for all devices on the segment by simply pressing the Save button which will store the information in a .csv file to your hard disk.

You may then recall any of these snapshots by pressing the Load button and selecting the desired file.

Using this function you can take a backup file of your installation away with you and 're-flush' the system either locally on-site or over the internet (provided the NetCIRA segment's Primary Master is connected directly or indirectly to a suitable router) in the event of a required system reset.

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