

# Install and setup JNIOR 310

Time required 10 to 15 minutes

doremi<sup>TM</sup>  
cinema



- The JNIOR ships with the default IP address of **10.0.0.201**
- Ensure the DCP2000 is running software version **0.5.2-22SP1**

## Power up the unit

- Connect 8-to-30v AC/DC (left/green LED is power ON)
- When unit is powered up the right LED (orange) will show that it is booting. This is an activity led.



## Set the IP address with one of two methods:

- Standard serial RS232 Male
  - 115200 8N1 no flow control
  - The serial cable for the JNIOR is a straight-through wired DB-9 Male to DB-9 Female
- RJ45 Ethernet cross over cable
  - Ensure the PC you are using to set the IP address, is in the same range as the JNIOR default IP address of 10.0.0.201

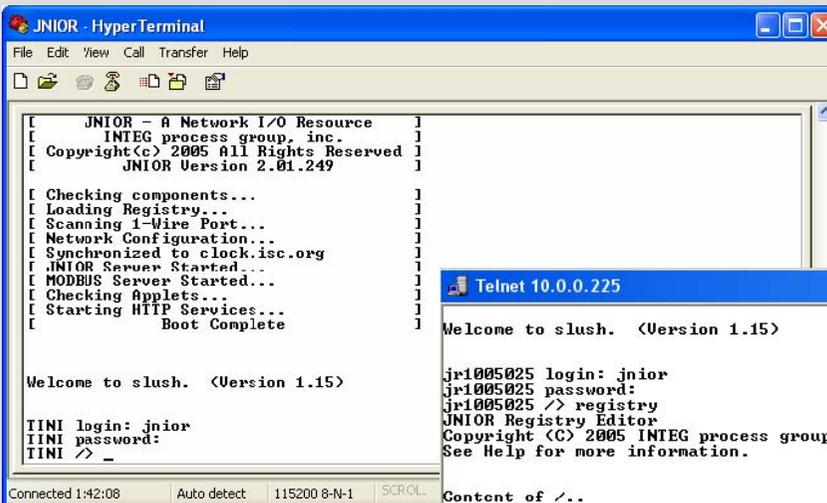
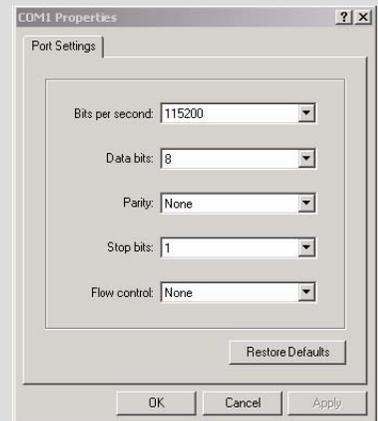


To set the IP address using RS232 and HyperTerminal and type **ipconfig** <enter>

To set the IP address using Cross Ethernet and Telnet and type **registry** <enter>

Login for both sessions: Login = jnior / password = jnior

Follow the on-screen instructions to setting the IP address. Please consult the JNIOR "Getting Started Manual" for more details on setting the IP address.

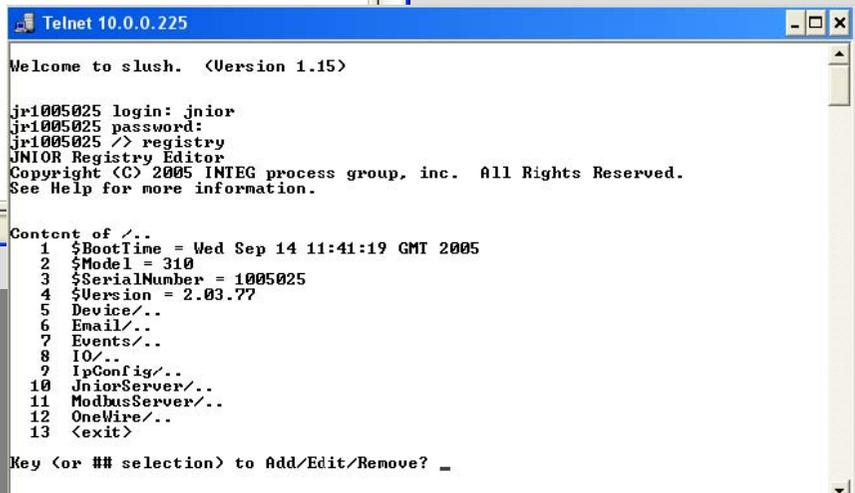


## Start a HyperTerminal session:

- Login = jnior
- Password = jnior
- Type: "ipconfig" to enter the set up mode.

## Start a Telnet session:

- Login = jnior
- Password = jnior
- Type: "registry" to enter the set up mode.



• **NOTE:** After setting the IP address to be in the range of the DCP2000, you must reboot JNIOR to confirm the new IP address has been implemented. To reboot, unplug the power, wait 5 sec, reconnect the power

# Setup DCP2000 for JNIOR 310 GPO outputs



## Register the jnior device on the dcp2000

- 1) Menu / Doremi Labs, Inc / Device Manager
- 2) Add a new device: select JNIOR
- 3) Set the IP address
- 4) Set username & password field to jnior
- 5) Check the configuration and save
- 6) Confirm the admin password, (default= 1234)
- 7) Reboot the DCP2000

## Configure the GPO actions related to JNIOR

- 9) Run the Macro Editor
- 10) Create a new macro, press
- 11) To attach an action to the new macro
- 12) Select "Insert new Action"
- 13) Select 'Library' to browse existing actions
- 14) Select "jnior" from the list to the left list
- 15) Select the action from the right list, & OK
- 16) "Select a device" from the drop down box
- 17) Select "jnior" & click OK
- 18) Check and save (default password = 1234)

## Test your set up:

### Menu / Doremi Labs, Inc / Macro Execution

Select one of the macro's you have created and execute it. Watch the JNIOR, you will see the orange activity led flash and the red output led react accordingly.

The screenshots illustrate the software configuration process:

- Device Manager:** Shows the 'Add Device' dialog where 'JNior' is selected from the list. The configuration fields for 'JNior' are shown: Identifier (JNior), Server IP (192.169.1 . 31), Port (9200), Username (jnior), and Password (\*\*\*\*\*).
- Authentication Required:** A dialog box prompts for 'SuperUser' privileges, with 'admin' as the username and '\*\*\*\*' as the password.
- Macro Editor:** Shows a 'Macro Settings' dialog where the macro is named 'Light\_ON'.
- Actions:** Shows the 'Library' action being selected from the 'Choose the action to add' list.

The screenshots show the 'Library' and 'Send a Message' dialog boxes:

- Library:** A list of actions is shown, with 'Close relay output #4' selected. The 'jnior' driver is also visible in the left pane.
- Send a Message:** Shows the configuration for sending a message to the 'jnior' device, with the message content '010004ffff0a020002'.

# Setup DCP2000 for JNIOR 310 GPI Triggers (Inputs)



## Configure the GPI actions related to jnior

- 1) In the Macro Editor select "Trigger Cue" tab at the bottom.
- 2) Create a new cue, click on the
- 3) Name the macro & QK
- 4) Click "Connect to an Event" Connect to an event
- 5) Select "Signal"
- 6) Leave "Any" in the "Source device name"
- 7) Click to open the library of actions
- 8) Select "jnior" from the left, then the required action "e.g. DIN4\_ON" & QK
- 9) Confirm "Any" and the "Signal name" is correct
- 10) Click "Save" (default password is 1234)

## Check the DCP2000 is register to the JNIOR

- a) Open a terminal session *Menu/system/Terminal*
- b) Check the log files */doremi/log/drmjniord.log*  
Type: `tail /doremi/log/drmjniord.log <enter>`
- c) If device is properly registered, you will get an entry as indicate below
- d) Or generate a details log file and view drmjniord.log

```

/doremi/log/drmjniord.log - root@192.168.1.101
[Fri Jan 2 14:49:34 2009] [Info ] jnior daemon is started.
Rec'd signal 15, exiting.
[Sat Jan 3 11:57:21 2009] [Info ] [#0] DeviceId      : f2711299-2d97-48e0-8ff5-3adebb85d9da
[Sat Jan 3 11:57:21 2009] [Info ] [#0] DeviceName   : JNior
[Sat Jan 3 11:57:21 2009] [Info ] [#0] DeviceEnabled: 1
[Sat Jan 3 11:57:21 2009] [Info ] [#0] InetAddr0    : 192.168.1.31
[Sat Jan 3 11:57:21 2009] [Info ] [#0] Port           : 9200
[Sat Jan 3 11:57:21 2009] [Info ] [#0] Username      : jnior
[Sat Jan 3 11:57:21 2009] [Info ] [#0] --
[Sat Jan 3 11:57:21 2009] [Info ] jnior daemon is started.
Line: 47/53      Column: 57      Character: 13 (0x0D)
    
```

## Test cues with content playback!

- 1) Start cinelister "*Menu->Doremi Labs Inc-Cinelister*"
  - 2) Create a new show
  - 2) Insert any content in the show
  - 3) Attach a GPO macros as created earlier
  - 5) Attach a trigger cue based on the JNOIR
  - 6) Select the action to associate with this trigger  
TogglePlayPause is a macro that toggles between play / pause!
- Note: Set mode to 'Loop' if video content is short.
- 8) Start the playback
  - 9) Check if the expected Macros and Trigger Cues behaviors happened.

The screenshot shows the Doremi Labs Macro Editor interface. The main window is titled "Doremi Labs -- Macro Editor" and shows a "Trigger Cue" macro named "Test\_Macro". The "Trigger" field is set to "Fire Trigger New Trigger alert". The "Action" field is set to "Signal". The "Source device name" is set to "Any". The "Signal name" is set to "DIN4\_ON". The "Save" button is highlighted with a red box.

Below the main window, there are several smaller windows:

- Events**: Shows a list of events, with "Signal" selected.
- Signal Setup**: Shows the "Signal Setup" dialog with "Any" selected for "Source device name" and "DIN4\_ON" selected for "Signal name".
- Signal library**: Shows a list of signals, with "jnior" selected in the "Driver" column and "DIN4\_ON" selected in the "Signal" column.
- Signal Setup**: Shows the "Signal Setup" dialog with "Any" selected for "Source device name" and "DIN4\_ON" selected for "Signal name".
- Signal Setup**: Shows the "Signal Setup" dialog with "Any" selected for "Source device name" and "DIN4\_ON" selected for "Signal name".
- Authentication Required**: Shows a dialog box with "Username: admin" and "Password: \*\*\*\*" entered, and the "Ok" button highlighted.