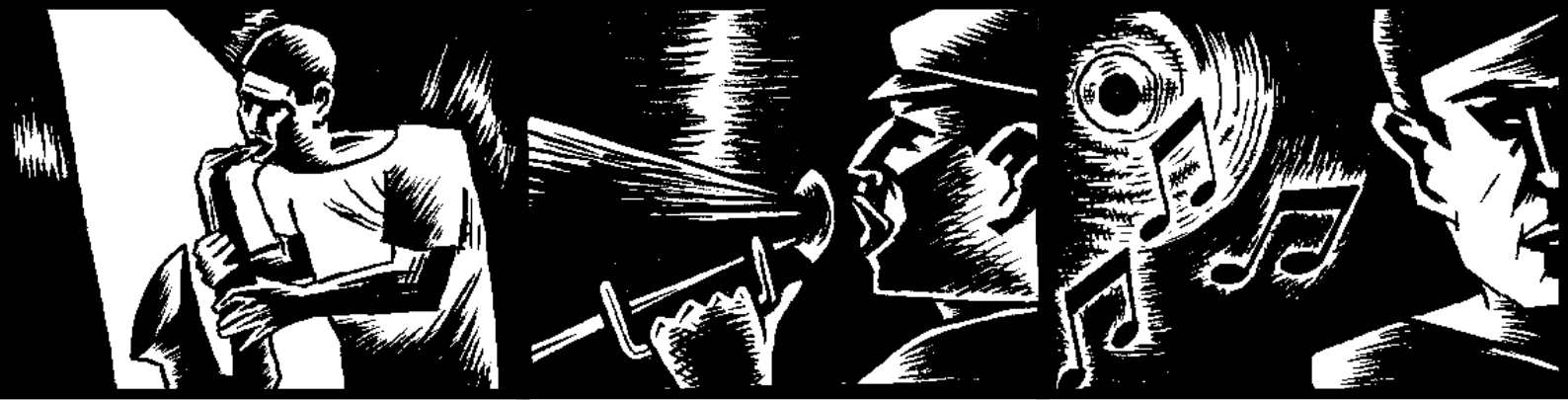


# EXSTREAMER<sup>®</sup>



## EXSTREAMER 100

Network audio decoder for  
commercial applications and  
custom home installations



## Quick Install Guide Version 1.0

For Standard Firmware



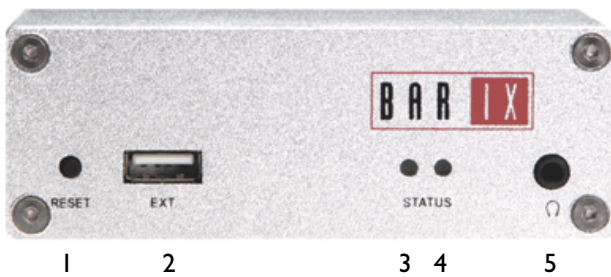
## Package content

- a Exstreamer 100
- b Power supply

## Cable Set **AUDIO** (not included)

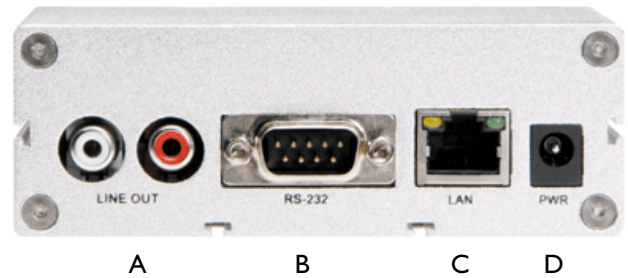
- c Earphone
- d RCA stereo cable
- e Network cable
- f Serial cable

## Front view



- 1 Reset button  
Press this button shortly to reset the device.  
If you press it until the red light flashes (about 5 seconds) the device will be reset to factory defaults.
- 2 USB I.I interface (only supported in Streaming Client firmware available on [www.barix.com](http://www.barix.com))
- 3 Green LED for status display
- 4 Red LED for status display
- 5 Headphone out

## Rear view



- A Headphone out
- B Stereo RCA line output
- C RJ45 for LAN 10/100 Half/Full duplex
- D DSub9 male, Serial port (RS-232)
- E Power in

## Installation

### STEP 1

Plug a network cable (e) into the network port (C) of the Exstreamer and the other end into your hub or switch. You can also use a crossover network cable (not included) for a direct connection to your PC.

### STEP 2

Plug an earphone (c) into the headphone output (5) and put it in your ear. Get a pen and paper ready to write down the IP address that will be announced in step 4.

### STEP 3

Plug the power supply (b) into the power jack (D) of the device and the other end into the power outlet of the wall.

### STEP 4

The Exstreamer will now search for a DHCP server to get an IP address and announce it over the earphone.

*Example: 192.168.0.12 (Voice: one nine two...)*

Make sure you write this IP address down.

If no DHCP server is found then our IPzator function will search the network for a free IP address (this could take up to 5 minutes). If the IP address is not announced check if the green LED (right LED on top of network port C) is lit. If it stays dark check your network cabling. If the front LEDs (3 and 4) stay dark check the power cabling (step 3).

If it still fails revert the device to factory defaults by pressing the Reset button for about 5 seconds while the Exstreamer is powered.

Your Exstreamer is now ready to start working. We recommend, however, that you set a Static IP address. See next pages on how to do this or download the user manual from [www.barix.com](http://www.barix.com).

# Network configuration by web browser

## STEP 1

Open your web browser.

## STEP 2

Enter the IP address of the Exstreamer and press Enter.  
Example: 192.168.0.12

## STEP 3

Click on the Config link: 



## STEP 4

Enter an IP address into the 4 IP address fields. At default it is 0.0.0.0 for automatic. You can use the address that was announced by the Exstreamer.

## STEP 6

In normal operating conditions leave the Netmask as is.

## STEP 5

The Gateway, primary and alternative DNS IP addresses as well as Sonic IP can be left at default for now.

## STEP 7

Hit the Apply button to save all changes. The Exstreamer will reboot with the Static IP address.

Please continue with section "Next steps" on last page.

# Network configuration using supplied serial cable

## STEP 1

Open a Terminal program.

## STEP 2

Go to the settings menu of the terminal program and adjust the following settings:  
Baud rate 9600 bit/sec, 8 Data Bits, no Parity, 1 Stop Bit

## STEP 3

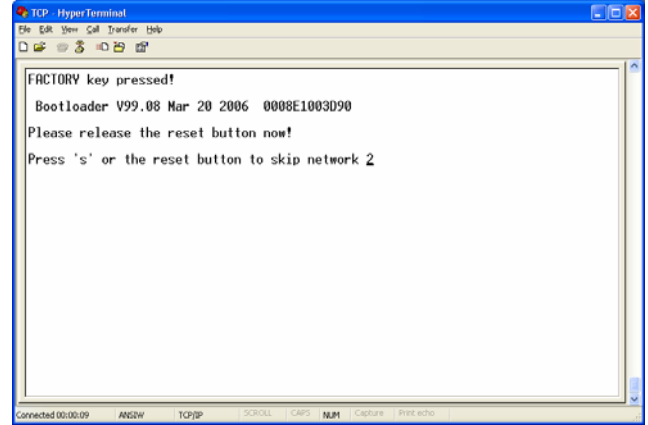
Unplug the power supply of the Exstreamer.

## STEP 4

Connect the supplied serial cable to your PC's COM port and to the serial port of the Exstreamer.

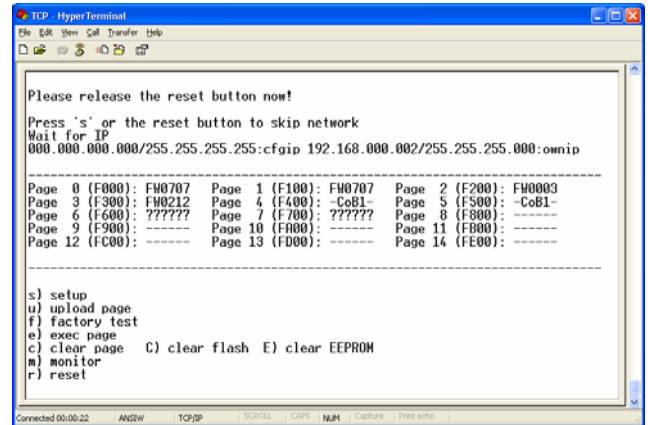
## STEP 5

Keep the Reset button pushed and plug in the power supply. Release the Reset button as soon as you see the following screen:



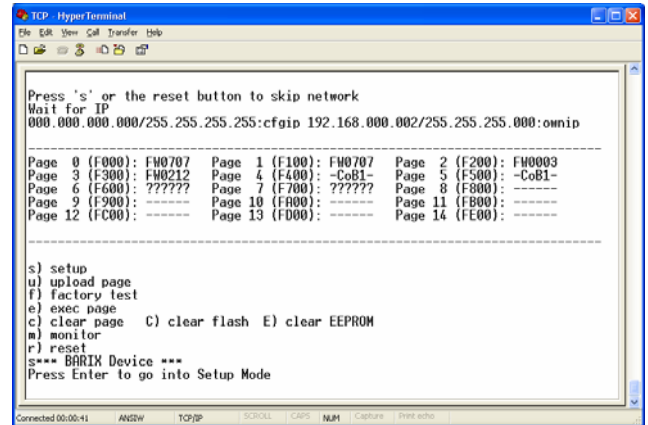
## STEP 6

Hit <S> to skip network discovery if not connected to a network and the following screen appears:



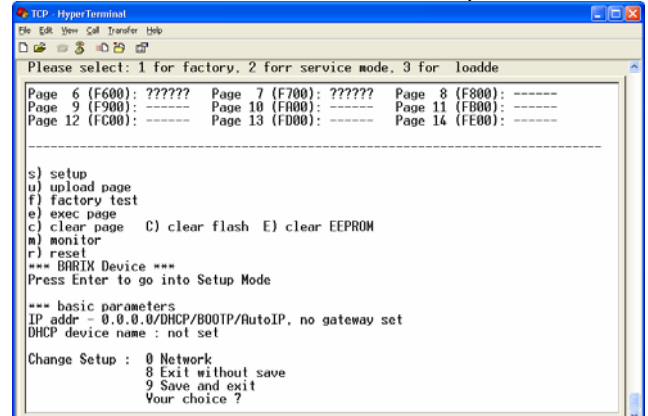
## STEP 7

Hit <S> to get to the Exstreamer setup.



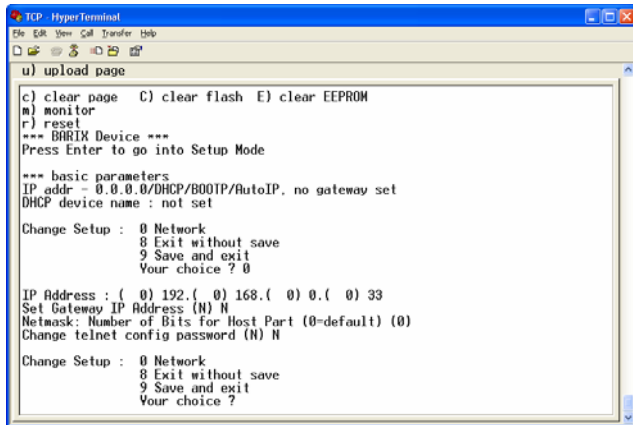
## STEP 8

Hit <Enter> to enter the Exstreamer setup mode.



## STEP 9

Type in <0> and hit <enter> to enter the Network configuration. Enter all requested values:



```
u) upload page
c) clear page  C) clear flash  E) clear EEPROM
m) monitor
r) reset
*** BARIX Device ***
Press Enter to go into Setup Mode

*** basic parameters
IP addr - 0.0.0.0/DHCP/BOOTP/AutoIP, no gateway set
DHCP device name : not set

Change Setup : 0 Network
                8 Exit without save
                9 Save and exit
                Your choice ? 0

IP Address : ( 0) 192.( 0) 168.( 0) 0.( 0) 33
Set Gateway IP Address: (N) N
Netmask: Number of Bits for Host Part (0=default) (0)
Change telnet config password (N) N

Change Setup : 0 Network
                8 Exit without save
                9 Save and exit
                Your choice ?
```

## STEP 10

Type in <9> and hit <enter> to save the Network configuration.

Please continue with section “Next steps”.

## Network configuration using telnet

### STEP 1

Unplug the power supply of the Exstreamer.

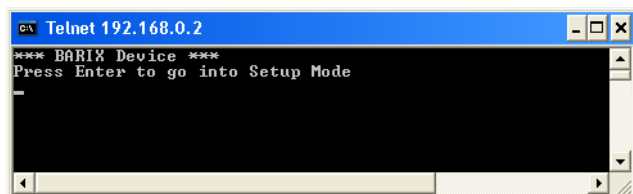
### STEP 2

Keep the Reset button pushed and plug in the power supply. Release the Reset button after 5 seconds.

### STEP 3

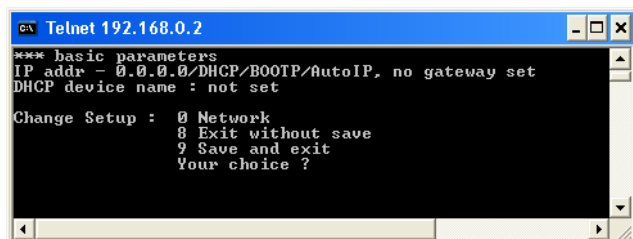
Run a command session. Type telnet in the run window with the IP address announced by Sonic IP on port 9999.  
Example: `telnet 192.168.0.12 9999`

You will see the following screen:



```
cxv Telnet 192.168.0.2
*** BARIX Device ***
Press Enter to go into Setup Mode
=
```

Hit <enter> to access the Exstreamer in the setup mode.



```
cxv Telnet 192.168.0.2
*** basic parameters
IP addr - 0.0.0.0/DHCP/BOOTP/AutoIP, no gateway set
DHCP device name : not set

Change Setup : 0 Network
                8 Exit without save
                9 Save and exit
                Your choice ?
```

## STEP 9

Type in <0> and hit <enter> to enter the Network configuration. Enter all requested values.

## STEP 10

Type in <9> and hit <enter> to save the Network configuration.

## Next steps

### STEP 1

Download the user manual from [www.barix.com](http://www.barix.com).

### STEP 2

Check the section “Updating the device”.

### STEP 3

Check the section “IR Remote control” on how to install the IR serial receiver.

### STEP 4

Check out the Barix user forum on [www.barix.com](http://www.barix.com) for additional information.

## Alternative “Streaming Client” firmware

Please visit [www.barix.com](http://www.barix.com) and download the “Streaming Client Update Package”. This alternative firmware supports WMA and MP3 streaming (http, UDP, RTP) with automatic failover and USB flash memory playback.

## Support

For support please contact your local dealer or visit [www.barix.com](http://www.barix.com).

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For information about our products, manuals, technical documentations and latest version of firmware please visit [www.barix.com](http://www.barix.com).

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