4-channel Echo Repeater

with web interface

Contents

Connecting the devices

The set contains two separate parts: sender and receiver. The sender contains four switches and four blue indicators. The receiver is equipped with four red-and-green indicators. The blue indicator at the bottom left corner shows connection to 5V power supply.

Both the sender and the receiver use Wi-Fi to communicate to each other. The devices are configured to connect to the customer's wireless network with the default password.

After you power up both devices, they connect to Wi-Fi automatically, and then they will try to find each other on the network. It may take up to 3 minutes after the first time the controllers are powered up. During the search, all four blue indicators are running from left to right on the sender.

After the sender finds a receiver, the leftmost blue let blinks a few times, after which the devices are ready to use.

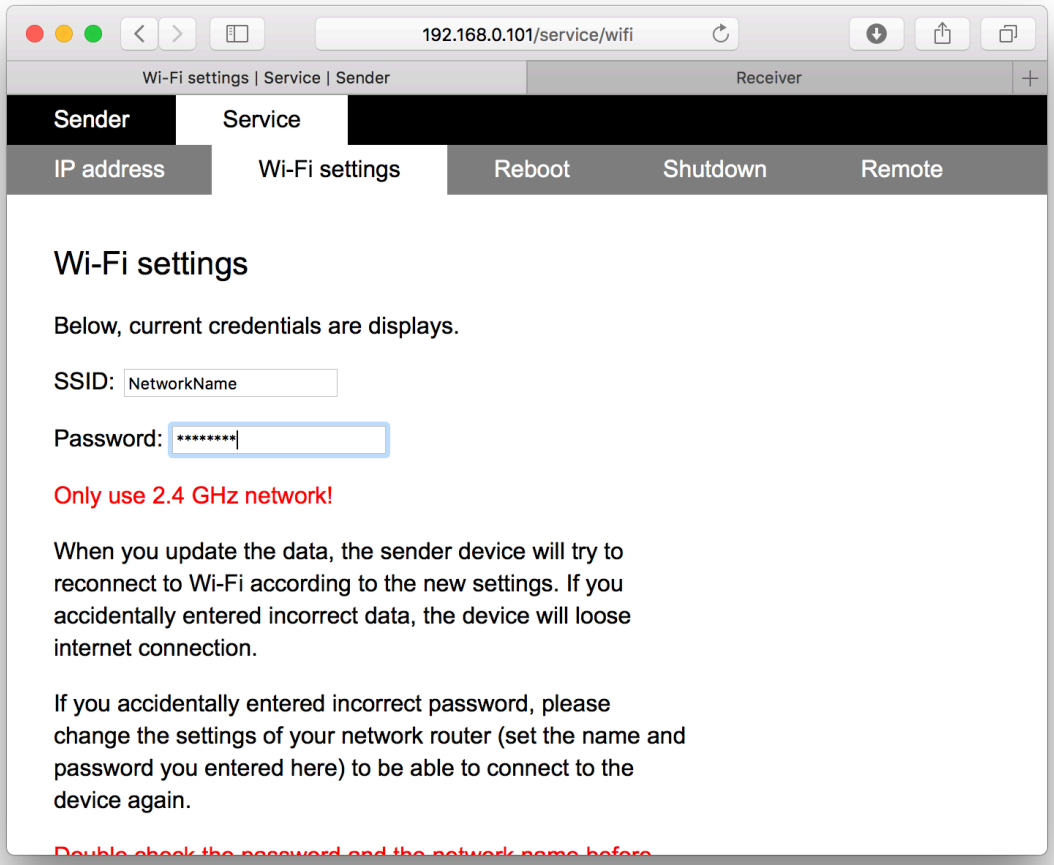
Configuring the network

It is highly recommended to bind the DHCP IP address for both sender and the receiver. You can do it in the settings of your router. As an example, here is how it looks in the interface of the modern ASUS routers. This ensures that the initialization search time is significantly reduced next time.

Configuring Wi-Fi connection

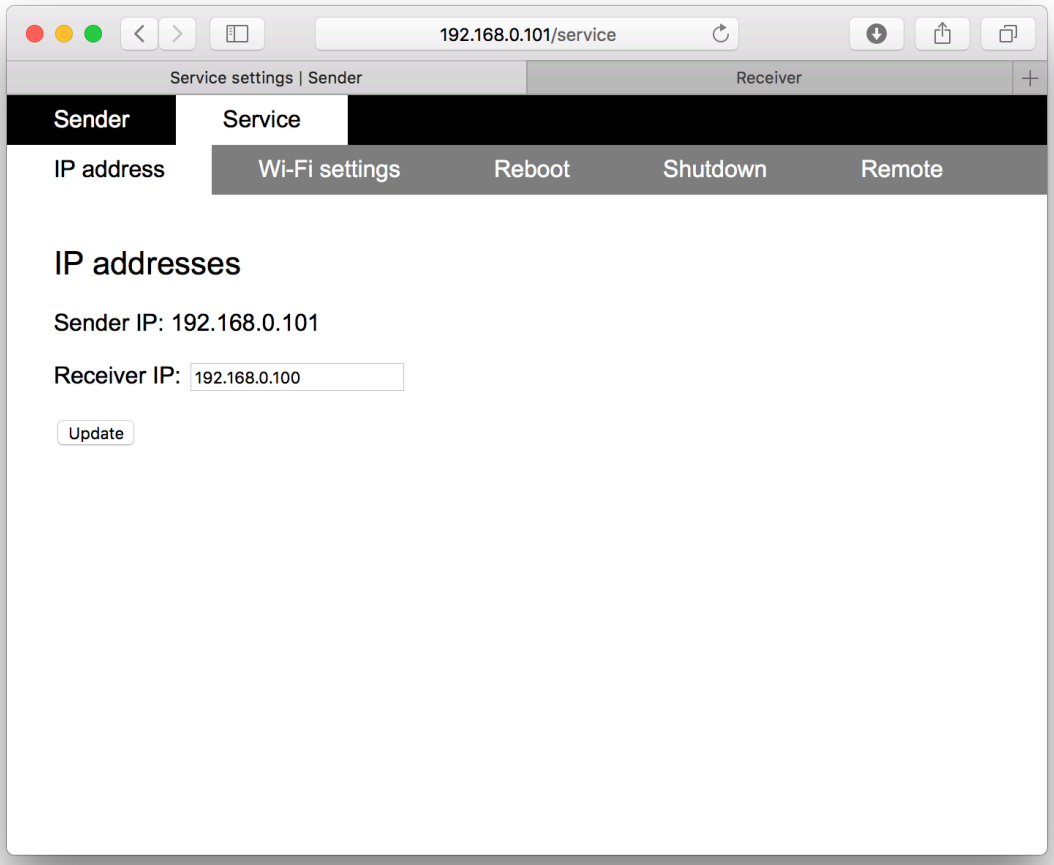
The following procedure must be done both on the sender and the receiver. Navigate to the page *Service / Wi-Fi settings*, and enter the network name and its password. Reboot the device at the page *Service / Reboot*. After that, the controller will be able to work fully via wireless connection.

Use the 2.4 GHz network only.



Manual setting the receiver address

It is possible to manually set the IP address of the receiver. Navigate to the *Service* page of the sender and fill in the *Receiver IP* field.



Resetting the network settings

If you happen to set incorrect Wi-Fi network name or the password, use the hidden button on the back of the sender and the receiver. Press it softly for 6 seconds until all four indicators start blinking. After that, the device will be restarted, and the default network settings will be installed. Configure your router to use those settings too.

Turning the controllers off

It is recommended to use web interface to turn the devices off. Navigate to *Service / Shutdown* and press the button there. The controller can be powered off within half-a-minute.

It if is not possible to use the web interface, you can power off the device by unplugging it, but that method is not recommended, as it may corrupt the data.

Rebooting the controllers

After updating Wi-Fi settings, reboot the controller at the *Service / Reboot* page. Normally, you should not reboot the device in other situations.

Remote session

For debugging session or reprogramming the controller, you may contact the manufacturer and open a remote session so that we can connect to the device to make changes. The session control is located at the *Service / Remote* page.

By default, the remote session is not activated, and we do not have access to your device; neither we receive any data from it.

Contact information

mail@deeptext.media
mail@deepnext.com

DeepText / DeepNext
Cornelis van Alkemadestraat 69–73
1065 AB Amsterdam
The Netherlands