

# **Multi16 FoxBox LX800**

## **USER MANUAL**

**(addenda to Gateway FoxBox LX800 Manual)**

**Revision 1.0**

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# 1. Introduction

This device is similar to Gateway FoxBox LX800, but the interface has been enhanced to handle all the available SMS channels separately.

For every topic about the FoxBox not covered in this manual, please refer to the Gateway FoxBox LX800 manual on the website ([www.smsfoxbox.it](http://www.smsfoxbox.it)).

In order to connect to the FoxBox, you have a web interface at the address:

*192.168.0.98*

Here you will access using the credentials:

- 1. Username: admin*
- 2. Password: admin*

On the other hand, if you need to remotely access the device with SSH or TTY, the credentials are:

- 3. Username: root*
- 4. Password: foxbox*

Remember that supported browsers are:

- Mozilla Firefox
- Opera
- Netscape
- Internet Explorer 6

## 2. Sending SMS

From this page you can send your SMS messages.

Practically it works as in all the other Foxbox versions, but in Multi16 has been introduced a new parameter for the massive SMS sendings called **Outgoing channel**. The possible choices here are:

- Burst (All modems): the device will make load balancing between all the available modems, splitting the SMS flow on their queues. This means that when you will send, as an example, 100 SMS with 10 GSM modems, every modem will handle just 10 of them thus the outgoing speed will be 10x faster than a common FoxBox (or, from another point of view, faster than a single GSM modem).
- Modem N: the device will send the SMS message using exactly the modem you indicated. This option can be used if the SMS flows you send have to be strictly associated to a certain phone number (maybe because you handle different customers with one SIM card each). Obviously in this case the outgoing speed will be limited to the single GSM modem one.

Once the sending is complete, you will be able to check the sent messages in the **Sent (Modem: N)** pages.

In case you made a Burst sending, the sent SMSs will be spread in the various databases accordingly to which modem physically sent every message.

In case of failure, you will see the messages not sent in the **Failed** page. Anyway, if you were sending a certain number of SMS and one of them failed, you will find here just this one (the others will not be affected by it and they will be normally delivered).

## 3. Receiving SMS

The receiving phase is totally equal to the one available in all the other Foxbox versions, but in Multi16 the interface has been enhanced to show all the queues of the single GSM modems separately.

This means that, using the **Inbox (Modem: N)** pages, you will be able to check the received messages of every single modem separately from the others.

## 4. Internal differences

To provide a greater customization possibility on this device, we decided to develop it completely splitting the single messaging channels.

This means that the basic send/receive management structure has been duplicated once for every available modem, and it is now possible to write personalized configuration for every one of them.

The main effect of this has been on the **EventHandler**.

In fact now there are 16 different versions of them, and the SMS engine calls the right one depending on the GSM modem generating an event.

In cascade, all the PHP scripts called by it during the message processing have been duplicated.

Anyway, the single channels maintained the same internal logic of the other FoxBox so that the content of the Gateway FoxBox LX800 guide are still valid.