



Voice Fax Gateway

History

Company was established on 15th of April 1998. Main residence is based in Vilnius.

company started with production of telecommunication devices.

In 2001 company expanded its fields of activity by starting design and manufacturing of electronic systems for wireless data transfer.

In 2002 contract of partnership and collaboration was signed with company Pro-Sign GmbH (Germany), considering design and representation of graphic programming interface iCon-L in Eastern Europe.

In 2003 Teltonika and NOKIA became partners and started integration of NOKIA M2M technology using NOKIA N12 module. It was the beginning of wireless technology development process.

In 2004, NOKIA invited Teltonika to join presentation of M2M technology innovations in CeBIT 2004. It was very high evaluation of a small Lithuanian company and its possibilities, which helped to feel peculiarities of international business.

In 2004 Teltonika produced more than 10 new products and solutions using EDGE technology. It was a condition that made Teltonika a leader of M2M integration solutions using EDGE not only in Lithuania, but also in Europe.

2005 was the year of two successful international exhibitions: CEBIT 2005 and HANNOVER MESSE 2005. These shows opened new possibilities for offering our products and solutions for all world.

In the year 2005 Teltonika became an international company. We became Lithuanian - Finnish Company. A few employees from NOKIA joined Teltonika's staff. Presently they successfully develop activity of new companies: Teltonika International GmbH (Düsseldorf) and Teltonika International Oy (Helsinki).

Our vision

Our vision is to provide added value for people and companies by creating electronic devices and solutions, which are based on the latest achievements of science and technology.

We aim to help people to integrate the latest technologies in real life, what would bring more cosiness, comfort, freedom of mobility and security to their everyday life.

We seek to make all our solutions an inconceivable part of people lives.

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Version 1.0

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1 ATTENTION



Do not rip the device. Do not touch the device if the device block is broken or its connecting wires are without isolation.



All wireless devices for data transferring may be susceptible to interference, which could affect performance.



Only qualified personnel may install or repair this product.



The device is not water-resistant. Keep it dry.



The device must be steadily fastened on the mounting place.



The device requires high $\sim 230V$ voltage.

IMPORTANT NOTES MUST BE READ BEFORE STARTING THE WORK WITH THE DEVICE!

2 GENERAL SAFETY REQUIREMENTS

You will avoid dangerous situations and harming of yourself if you will follow to these recommendations. You have to be familiar with the safety requirements before starting using the device!

To avoid burning and voltage caused traumas, of the personnel working with device, please follow these safety requirements.



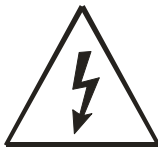
Installation and technical support of the *Voice Fax* device can be performed only by a qualified personnel or a person who has enough knowledge about this device and safety requirements.



Voice Fax device requires 12V $\overline{=}$ 1 A constant power supply source that satisfies all safety requirements listed in LST EN 60950-1 standard.



The phone or fax connected to the device must satisfy all safety requirements listed in LST EN 60950-1 standard.



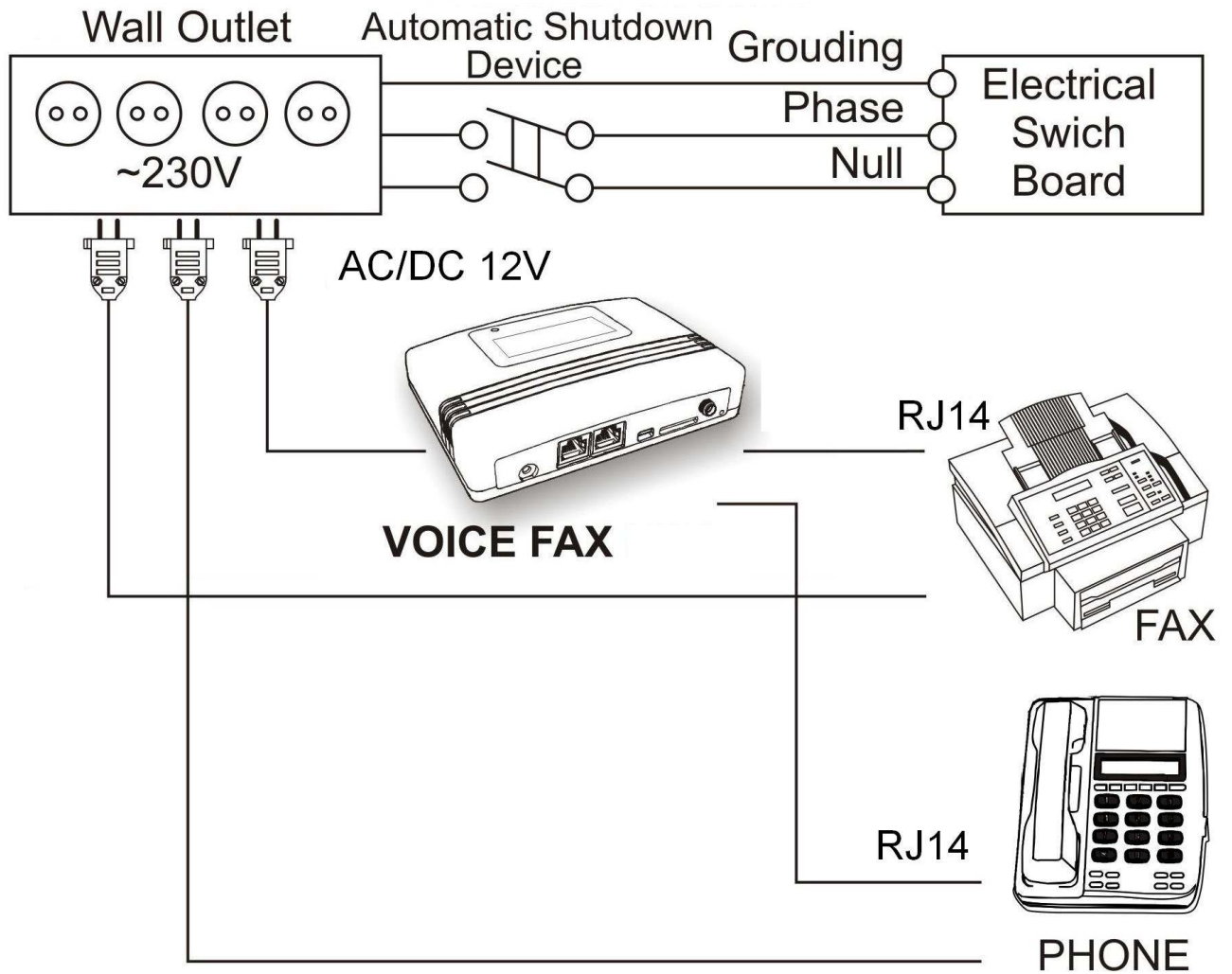
Do not mount or serve device during the thunderbolt.

To avoid mechanical damages of the device it is recommended to transport the *Voice Fax* device packed in damage-proof pack. While using the device, it should be placed so, that its indication LEDs would be visible as they inform in which working mode the device is and if it has any working problems.

For *Voice Fax* device's network capacity working environment has big influence. If the device starts working insufficiently only qualified personnel may repair this product. We recommend to forward it to repair center or to manufacturers. No exchangeable parts inside of the device.

In the installation place and supply circuits protective devices (bipolar release device) should be tooled up which will protect from short-circuit and earth false. The power of connected device should satisfy power of release device. The interstice between contacts should be no less than 3mm. Power supply network should be installed near device on easy accessible place.

Protection against overcurrents, short circuits and earth faults shall be provided as a part of the building installation. Two pole device which disconnects related devices simultaneously must be installed in the building to avoid grounding faults. To disconnect the device plug off AC/DC power adapter from the wall outlet or power strip. The interstice between contacts should be no less than 3mm.



Picture 1. Connection scheme of *Voice Fax* device

Mounting of the device



Disconnect device from power supply before mounting to avoid voltage effect!

Device service

If the device starts working insufficiently only qualified personnel may repair this product. We recommend to forward it to repair center or to manufacturers. No exchangeable parts inside of the device.

3 ABOUT THE DOCUMENT

In this document *Voice Fax* device technical characteristics are presented, also it is described how to connect *Voice Fax* device to other devices and how to configure it..

Voice Fax device is being continuously improved: working quality, adding specific requirements from the clients.

4 INTRODUCTION

Voice Fax device is created correspondingly to up-to-date telecommunications and electronic technologies.

Voice Fax emulates the line. Phone calls or facsimile messages in GSM network can be received with the connected to the device analogue phone or fax device.

It also gives a user exclusive possibility to change parameters using keyboard of locally connected device by entering *Voice Fax Service menu*

5 PACKAGE CONTENTS

Voice Fax device is delivered to the client in cardboard box with all required supplements necessary for work. Package consists of:

- Cardboard box.
- *Voice Fax* device.
- AC/DC power supply adapter.
- User guide.
- External GSM antenna.

Note: *the manufacturer does not provide SIM card, which is necessary for connecting to the GSM network! SIM card can be obtained from your GSM operator!*

If any of the components is missing from your package, please contact manufacturer's representative or salesperson.

6 TECHNICAL CHARACTERISTICS

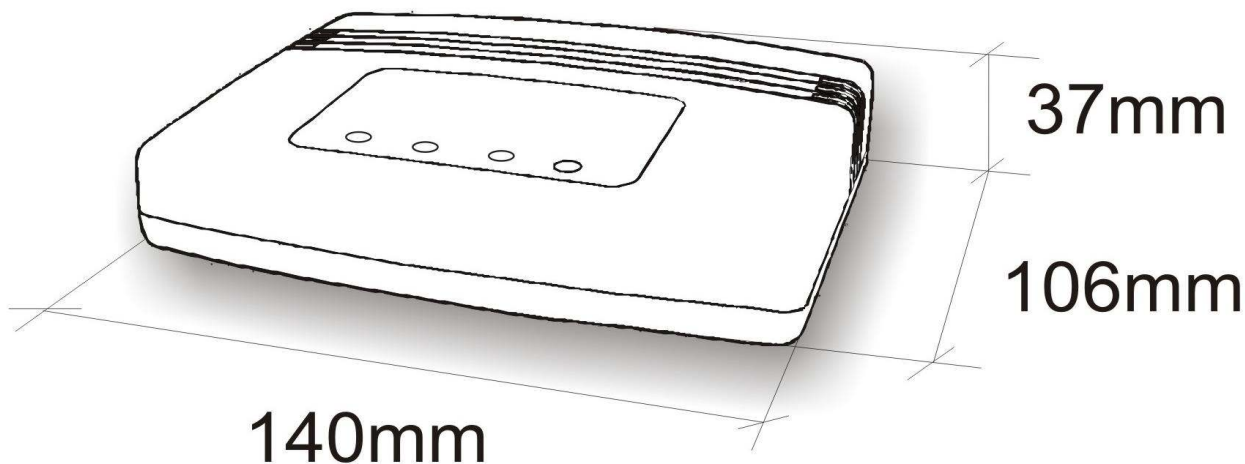
6.1 Data Transfer

Voice Fax device supports the following data bearers used in GSM network. Which data channel is used depends on your GSM operator and data transfer capacity in chosen GSM network:

Voice Fax device also has an incoming number detection function. A ES300778-1/2 standard and MDMF format is used for it.

6.2 Mechanical characteristics

Voice Fax device case is made of plastic. External view and measurements of the device are shown in picture 4.2.1.



Picture 4.2.1. External view and measurements of the device

6.3 Operating characteristics

The device is powered from a 12V (DC) power supply. Electrical parameters of the device are shown in Table 4.3.1.

Table 4.3.1. Electrical characteristics of *Voice Fax*

Parameter	Value	Units
Power Supply Voltage	12	V
Average Power consumption	1.2 - 7.2	W
Current Consumption when idle	≈120 - 200	mA
Current Consumption in voice/fax mode	≈300 - 800	mA

Operating conditions and weight of the device are shown in Table 4.3.2 .

Table 4.3.2. Operating conditions and weight

Parameter	Value	Units
Weight	200 ± 10	g
Operating Temperature	0 - +55	°C
Storage Temperature	-20 - +70	°C

Note: *If the settings outreach the characteristics given above, the device can be damaged!*

6.4 Indication

Voice Fax has 4 LEDs for device status indication. They are located at the top part of the device. The indication statuses of the device are described in Table 4.4.1.

Table 4.4.1. Device status description

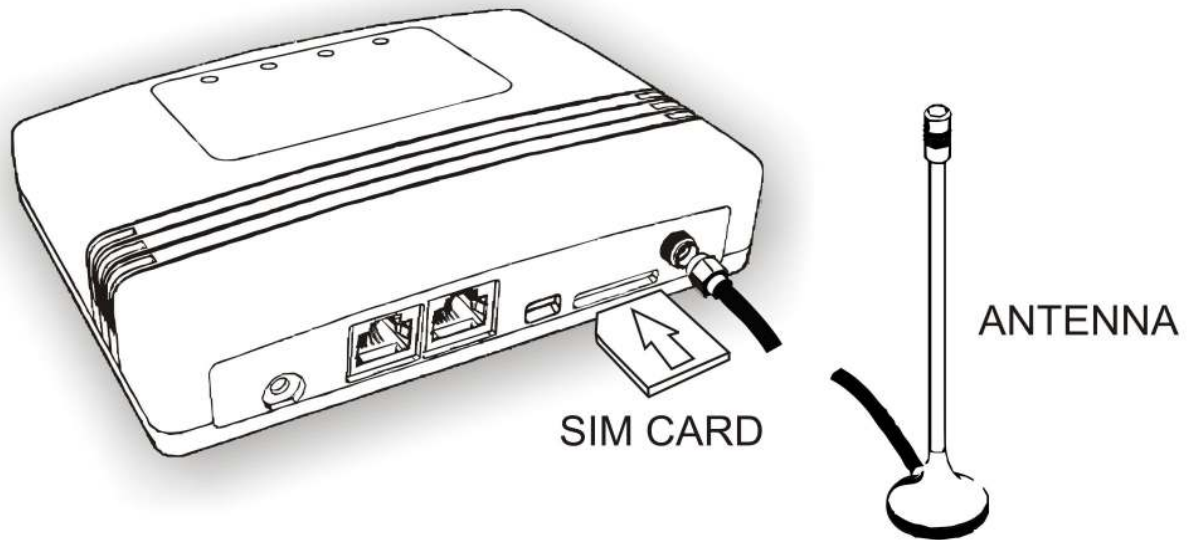
Status	Description
<i>Power</i> LED is on	Power supply on
<i>Status</i> on	Device is preparing for work or there is no network
<i>Status</i> off	Device is ready to work (GSM network is detected, general configurations are made)
<i>Status</i> blinking slow	Voice call or fax transmission is in progress
<i>Status</i> blinking fast	Power from battery (for battery versions)
<i>Error</i> LED blinking slow	Device is awaiting for PIN code
<i>Error</i> LED blinking fast	Strength of the signal is below minimum level and successful fax transmission is not guaranteed.
<i>Error</i> LED blinking with pauses	The number of blinks shows the number of unsent/unprinted fax sheets
<i>Error</i> LED on	No SIM card, wrong PIN code or handset off hook during start up.
<i>Memory</i> LED blinking slow	Unsent fax in memory after defined number of retries
<i>Memory</i> LED blinking fast	Unprinted fax in memory after defined number of retries

7 VOICE FAX PREPARATION TO WORK

Before starting working with *Voice Fax* device, antenna must be connected. Then, insert SIM card and make sure that it is inserted properly.

7.1 Connecting antenna and inserting SIM card

Antenna mounting place is chosen according to mounting place features. It is recommended to mount the antenna inside the building. If because of network conditions antenna is to be mounted outside, it is necessary to set antenna ground and quick-acting security implement against lightning. Antenna is mounted using the standard SMA connector. SIM card must be inserted as is shown in picture 5.1.1 and make sure that it is inserted properly.

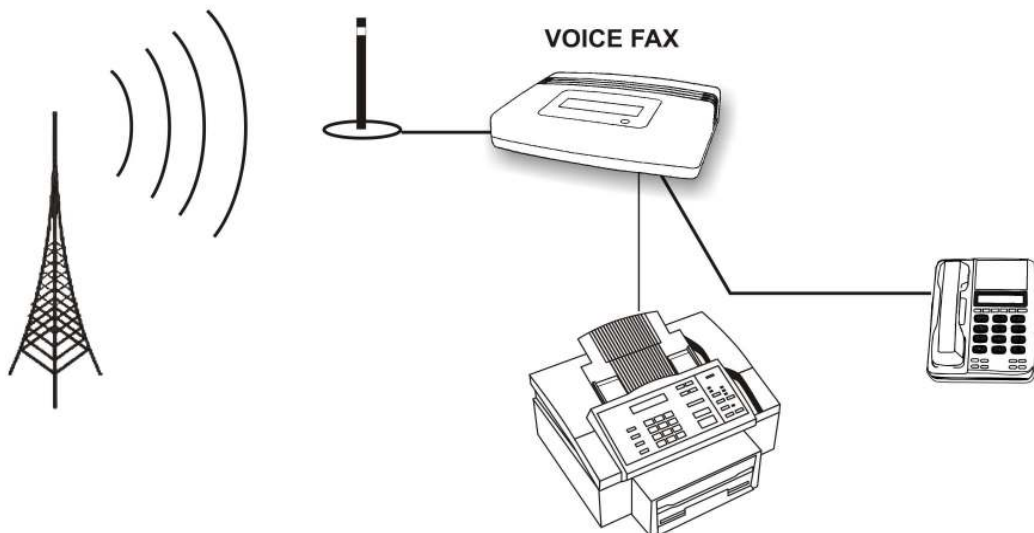


Picture 5.1.1. Connecting antenna and inserting SIM card

7.2 Devices connection to *Voice Fax*

Depending on what action the *Voice Fax* device must perform, the following connections are to be made:

- Phone
- Fax



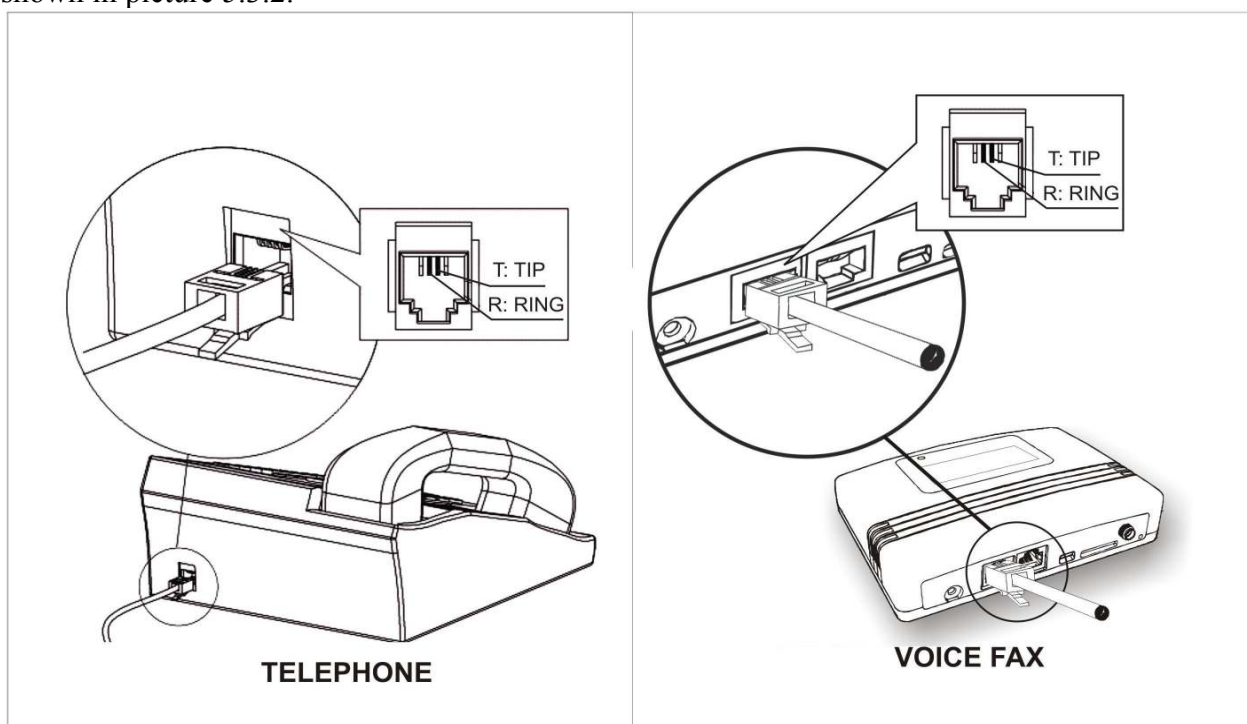
Picture 5.3.1 Devices connection to *Voice Fax*

Voice Fax operates in *Trunk* mode.

In *Trunk* mode *Voice Fax* emulates the line. With connected analogue phone, voice phone calls can be made and received through the GSM network. With connected fax device fax calls can be made and received.

7.2.1 Connecting phone or fax to *Voice Fax*

Module generates the voltages necessary for the call. The phone or fax connected to the *Voice Fax* device can make and receive incoming calls from the GSM network. The connection to the device is shown in picture 5.3.2.



Picture 5.3.2. Phone or Fax connection to the *Voice Fax*

7.2.2 Call examples

To make a voice or fax call, connect the phone to the *Voice Fax*, insert the SIM card and plug the power supply.

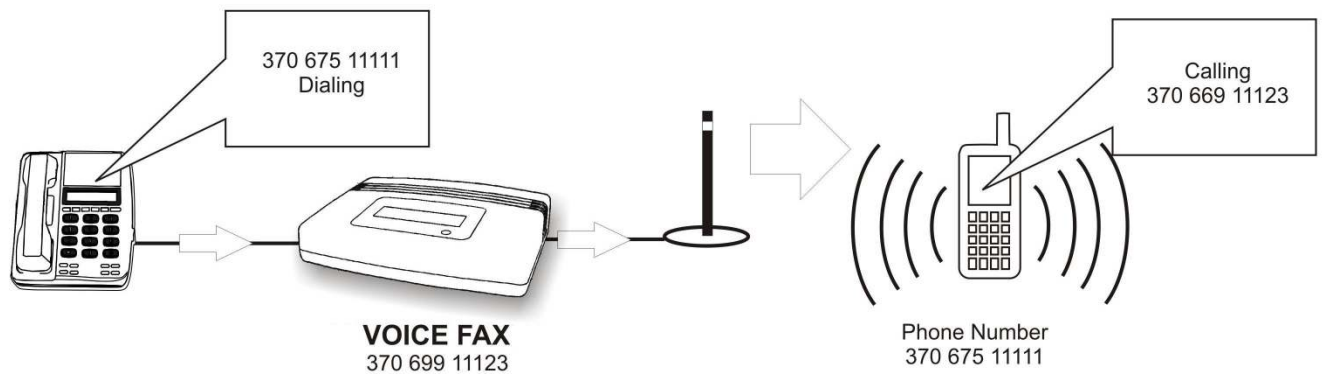
Note: Calling mode may not work in the following situations:
 a) when fax transmission in progress; b) when working in Service menu;

Wait until the device gets ready for work. Enter PIN code of the SIM card if required.

7.2.2.1 Phone call from phone to a mobile phone

- Pick up the phone, connected to the *Voice Fax*, handset. Dialing tone should be heard.
- Dial the number and wait for the connection. Time period between two different digits can be no longer than 3 seconds.
- To terminate the call, hang up the phone.

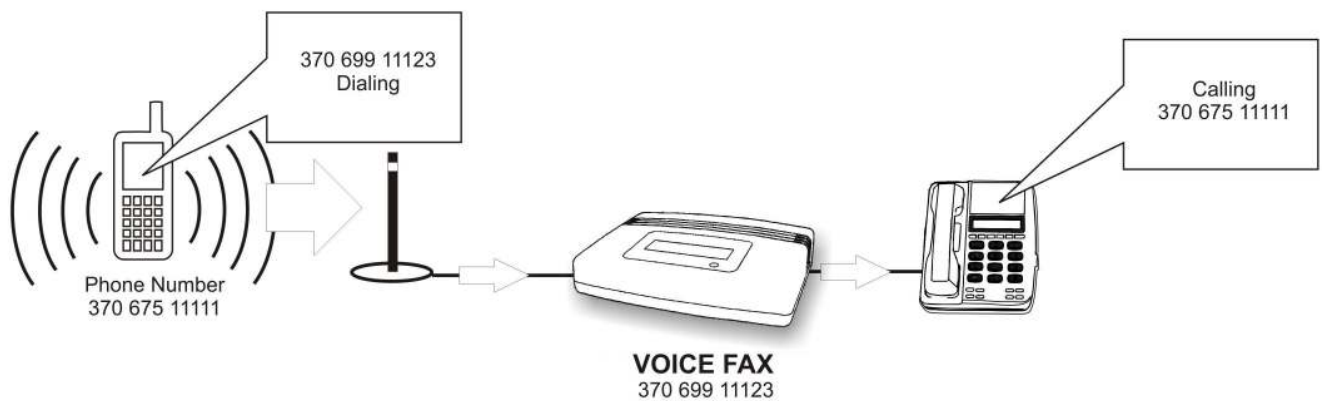
Note: Making international phone call dial 00, instead of +



Picture 5.3.3. Phone call from phone to mobile phone

7.2.2.2 Phone call from mobile phone to phone

Dial the number of the SIM card inserted in the *Voice Fax* and wait for the signal.

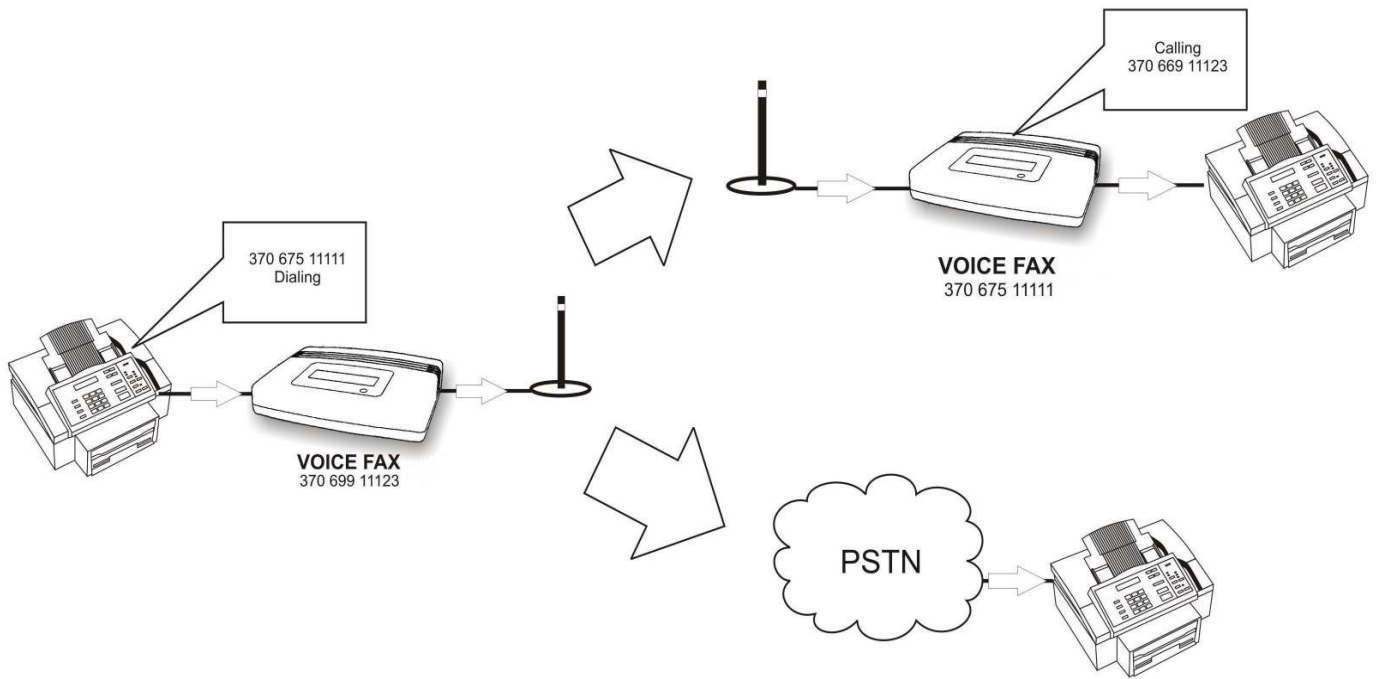


Picture 5.3.4. Phone call from mobile phone to phone using the *Trunk* mode

7.2.2.3 Sending Fax call from *Voice Fax* to a *Voice Fax* or PSTN Fax.

- Insert sheets you want to send into fax device connected to the *Voice Fax*.
- Time period between two different digits can be no longer than 3 seconds. The blinking Status LED will indicate that the call is in progress.
- To terminate the call, hang up the phone.

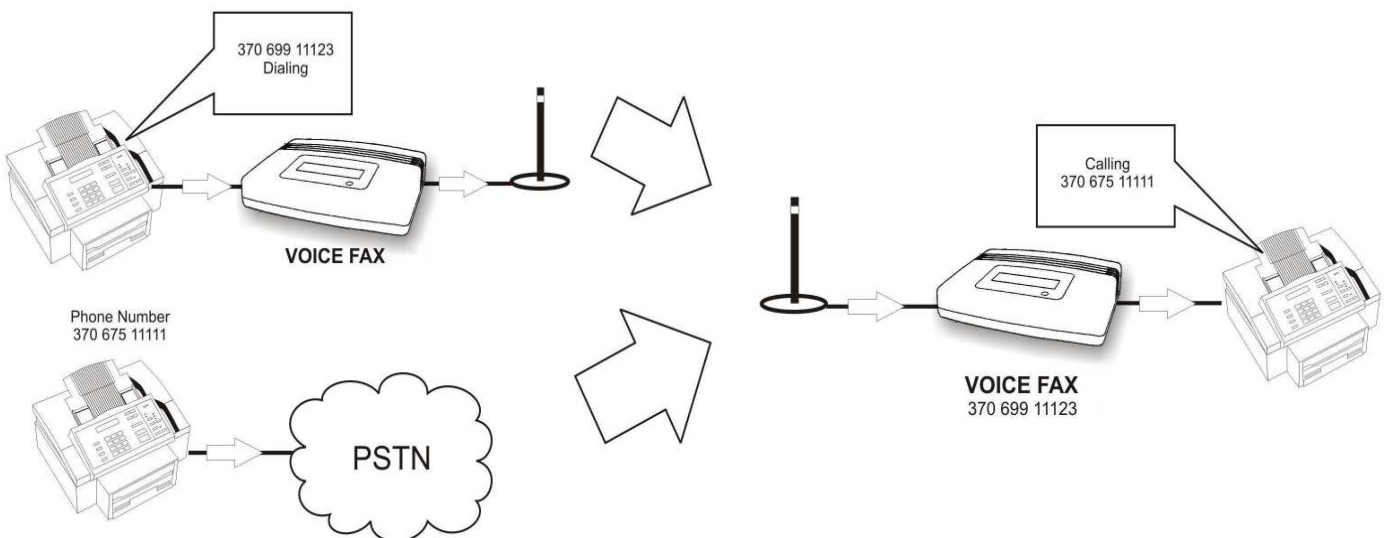
Note: Making international phone call dial 00, instead of +



Picture 5.3.3. Sending Fax call from *Voice Fax* to a *Voice Fax* or *PSTN Fax*.

7.2.2.4 Receiving Fax call from *PSTN* or *Voice Fax* to *Voice Fax*

If incoming call is fax call the *Voice Fax* will answer automatically as fax device after defined number of rings, default is 2. *Voice Fax* Status LED will indicate that the call is in progress.



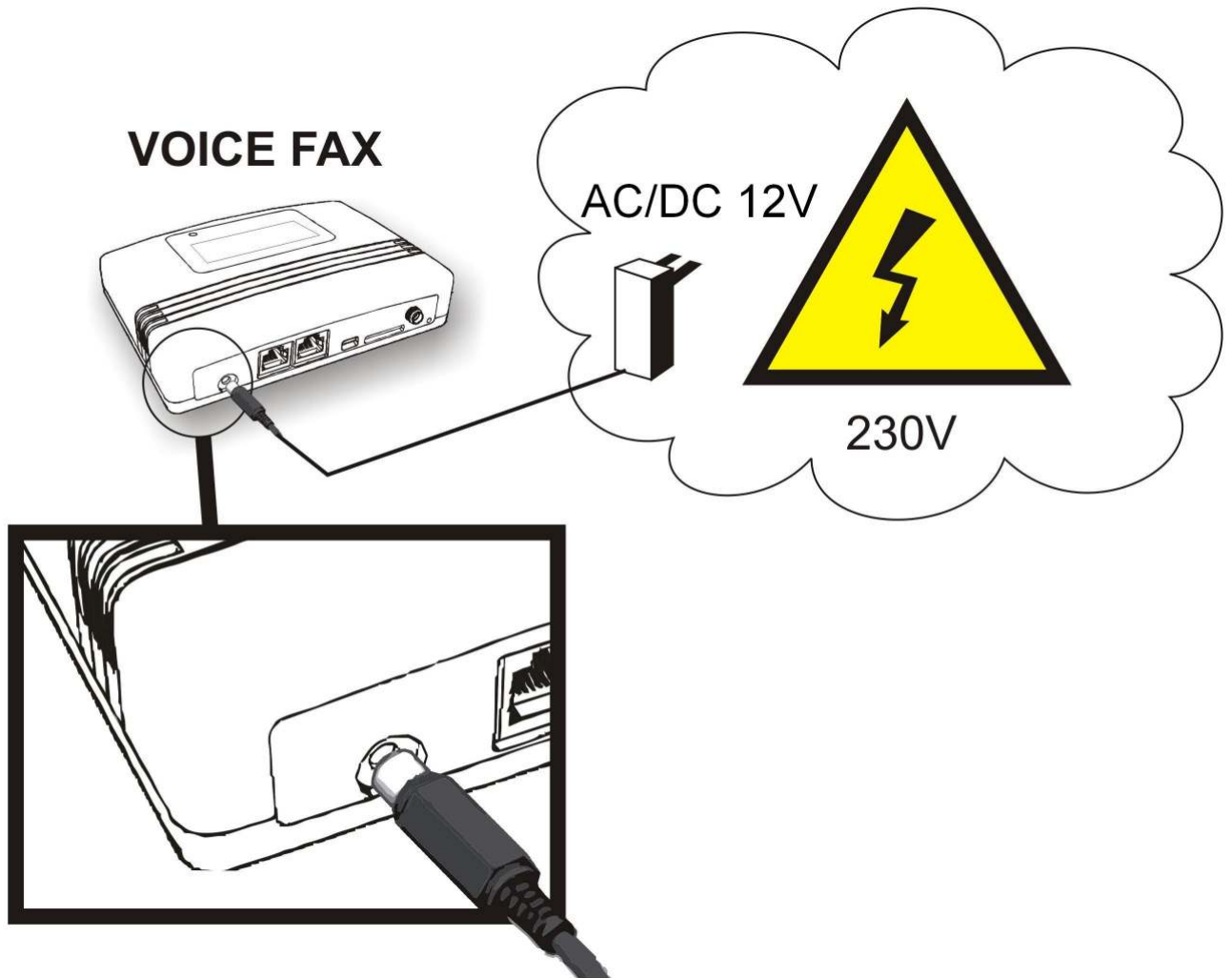
Picture 5.3.4. Receiving Fax call from *PSTN* or *Voice Fax* to *Voice Fax*

Note: SIM card should have separate subscriber numbers for voice and fax and may not work with single number.

- *Note: The fax data transmission is divided into two stages. Voice Fax receives fax data into internal memory and after reception is successful it transmits data to locally connected or remote fax device.*
- *If device fails to transmit data it automatically makes up to (default) three redials with (default) 30 second delays and if it fails, by default Voice Fax deletes fax data from internal FLASH memory.*
- *This function can be switched off so after unsuccessful number of tries fax data will stay in memory and will be possible to retry fax transmission by picking up handset and pressing ### later or even after Voice Fax restart.*
- *It is possible that after successful transmission fax will print 3 same pages. This means that after fax page there was no confirmation and device automatically retried current page.*
- *If option „Delete after tries“ is switched off, unsuccessful transmission is indicated by LED's. To delete fax data from FLASH memory pick up the handset and press * * * alternatively every next fax session will overwrite previous fax data in the FLASH.*
- *If it is not possible to send or receive fax few times in a row it might be because of GSM network problems, please wait few minutes and try again.*
- *If device not responding please restart device by pressing reset button on the back side of the enclosure.*
- *If by mistake wrong destination fax number is entered and Voice Fax have started dialing press *** to stop transmission. If *** will be pressed at the moment of dialing or at the pause between tries, calling will be terminated and data deleted from flash immediately. If *** will be pressed at the moment when device is connecting, sending, calling will be terminated and data deleted from flash after unsuccessful attempt will be finished.*

7.3 Connection of the power supply

Voice Fax module uses 12V \approx 1.12 A direct current power supply source which goes with the package. The connection of the power supply is shown in picture 5.5.1 .



Picture 5.5.1. Connection of the power supply

7.4 THE START

When the *Voice Fax* device is set to work, that is, SIM card inserted, antenna, phone, analog phone line and power supply are connected, the Power LED is on. Turned on Status LED indicates, that the module is preparing for work. The initialization can take up to 20 seconds (it is recommended to wait). During that time, the module checks the SIM card, detects the appropriate GSM network and checks the operating parameters. When initialization is done, the Status LED turns off.

Note: *If PIN code request is active on the SIM card, then Error LED starts blinking and phone signal is busy. That means that the module is waiting for the PIN code.*

7.5 Entering the PIN code

There are two possible PIN code entering ways in *Voice Fax*: manual and automatic.

7.5.1 Manual PIN code entering

If SIM card PIN code request is activated, Error LED starts blinking and phone gives busy signal. This means, that the module is waiting for the PIN code which must be entered with the help of the phone buttons. If the PIN code entered correctly, a long phone signal is on the line indicating, that the *Voice Fax* is ready for work. If the PIN code was entered incorrectly, the Error LED becomes constant and the phone line is busy. PIN code can be entered through the *Service menu*.

7.5.2 Automatic PIN code entering

If SIM card PIN code request is activated, the *Voice Fax* device takes the PIN code from its memory. The PIN code can be entered into *Voice Fax* memory using *Service menu* (`##1111#11#3#<PIN code>#`).

8 Voice Fax Service menu

Voice Fax device parameters can be changed using ordinary telephone connected to *Voice Fax* device through a standard RJ14 connector named *PHONE*. When the device is turned on, wait until it sets for work. If required enter PIN code of the SIM card. After a long beep, enter *Service menu* password. Standard password is ##1111#. When password is entered *Voice Fax* controlling through the phone is activated and user directly accesses *Voice Fax* main *Service menu*. Exit from any part of the *Service menu* by hanging up the phone or dialing **. While navigating in *Service menu*, long beeps are heard on the line. When any function is being activated, short beeps are heard on the line.

Service menu command list of the device is shown in the table.

	Command	Description
General parameters	1#	Volume level
	2#	Set time interval between dialing and connecting
	3#	Prefix
	4#	Voice Fax prefix
	5#	Caller ID display control
	6#	Calling line identification restriction
	7#	Turning on/off the call duration signal
	8#	Separate/duplicate phone and fax lines
	9#	Baby Call Function
Security parameters	10#	Changing Service menu password
	11#	PIN code entering control
Numbers and prefixes blocking	12#	Prefix blocking
	13#	Number blocking
Fax parameters	14#	Set number of rings
	15#	Set number of tries
	16#	Set delay between retries
	17#	Turning on/off always answer as fax
	18#	Turning on/off delete facsimile from memory after retries
	19#	Show incoming number of pages
	99#	Restoring default settings

Service menu parameters are divided into:

- General parameters
- Security parameters
- Numbers and prefixes blocking
- Fax parameters

8.1 Volume control

It is possible to change speech volume level. Dial 1# in order to change volume level.

##1111# 1# ... 0#

Press 1 to decrease volume level#.

##1111# 1# 1# 0#

Press 2 to increase volume level#.

##1111# 1# 2# 0#

8.2 Interval Between Dial And Connection

It is possible to change time interval between dialing and connecting with the help of the phone. Time is set in seconds. Dial 2# in order to change the time interval.

##1111# 2# ... 0#

Now enter numbers from 1 to 5 and press #.

##1111# 2# (1...5) # 0#

8.3 Prefix

It is possible in *Voice Fax* device to activate the function that would automatically add prefix to dialed number. To do so, dial 3# in main *Service menu*.

##1111# 3# ... 0#

Now dial 1# to activate prefix adding.

##1111# 3# 1# 0#

Dial 2# in *Prefix* menu to disable the function.

##1111# 3# 2# 0#

To add a prefix dial 3# Prefix and #.

##1111# 3# 3# <Prefix># 0#

E.g. In order to add “370” prefix, you have to dial: ##1111#3#3#370#; and for activation:

1#. When dialing 123456 on the phone connected to the *Voice Fax* device, the device will dial 370123456.

8.4 Voice Fax prefix

It is possible to switch fixed prefix *01* between fax and voice. If prefix is set for fax, outgoing fax number will require prefix *01*, if set for voice, outgoing voice number will require prefix *01*. Dial 4# in Service menu in order to get to Voice Fax prefix menu. By default, prefix is for fax.

##1111# 4# ... 0#

Press 1# to set prefix for fax .

##1111# 4# 1# 0#

Press 2# to set prefix for voice .

##1111# 4# 2# 0#

Note that prefix function is active only if „Line separation“ function is turned off. By default „Line separation“ function is on, so with default settings Voice Fax prefix is not required.

8.5 Caller ID Display

Voice Fax device has a Caller ID detection function. The function allows to see the incoming phone number on connected phone display.

By default this function is active. Dial 5# in *Service menu* in order to get to Caller ID menu.

##1111# 5# ... 0#

Dial 1# to enable DTMF function.

##1111# 5# 1# 0#

Dial 2# to disable the function.

##1111# 5# 2# 0#

8.6 Calling line identification restriction

Voice Fax device has a Caller line identification restriction function. Function is available only if it is supported by the operator. Default option is set to operator default.

Dial 6# in *Service menu* in order to get to calling line identification restriction menu.

##1111# 6# ... 0#

Dial 1# to set to operator default.

##1111# 6# 1# 0#

Dial 2# to enable calling line identification restriction.

##1111# 6# 2# 0#

Dial 3# to disable calling line identification restriction.

##1111# 6# 3# 0#

If calling line identification restriction is not allowed by operator, disabling or enabling of calling line identification restriction will take no action.

8.7 Call Duration Indicating Signal

Dial 7# in the main menu in order to get to *Signal Indicating Call Duration* menu.

##1111# 7# ... 0#

The signal indicating call duration can be turned on/off with the help of the phone. A short tone signal (beep) will be made each minute during the call.

In signal indicating call duration menu press 1# to enable the function.

##1111# 7# 1# 0#

Press 2# to disable the function.

##1111# 7# 2# 0#

8.8 Separating or duplicating phone and fax lines

By default function is on, fax and phone sockets are separated. It means that outgoing fax call will be made from device connected to „FAX“ socket and voice call from „VOICE“ socket. If line separation function is turned off, „FAX“ and „VOICE“ lines are duplicated and voice or fax call can be made from any socket. To separate voice and fax call *01* prefix will be required. Dial 8# in *Service menu* in order to get to socket separation menu.

##1111# 8# ... 0#

Dial 1# to separate phone and fax sockets.

##1111# 8# 1# 0#

Dial 2# to duplicate phone and fax sockets.

##1111# 8# 2# 0#

8.9 Baby Call function

By default function is disabled. Function allows to enter one phone number and delay from 5 to 30 seconds. If function is enabled and if handset is picked up, device will dial defined phone number automatically after defined delay.

Dial 9# in *Service menu* in order to get to *Baby call* menu.

##1111# 9# ... 0#

Dial 1# to enable number of pages indication.

##1111#9# 1# 0#

Dial 2# to disable number of pages indication.

##1111# 9# 2# 0#

Dial 3# to add phone number.

##1111#9# 3#... 0#

Now add the phone number which will be dialed after defined delay.

##1111#9# 3#370 651 12345 # 0#

Dial 4# to enter delay.

##1111# 9# 4#...0#

Enter delay from 5 to 30 seconds, default is 10 seconds..

##1111# 9# 4#(5...30)#0#

8.10 Changing Service menu password

##1111# 10# <New 4 digit menu password > #

In order to change *Service menu* password, dial 10# in main *Service menu*. Now enter new 4 digit user password and press #. New password will be saved in device memory. When the new password is saved, the device returns to the main menu.

8.11 PIN Code Entering Control

PIN code automatic entering of the GSM SIM card inserted in the *Voice Fax* device, can be enabled/disabled with the help of the phone.

To get to the *PIN Code Entering Control* menu, dial 11# in the main menu.

##1111# 11# ... 0#

If 1# is dialed in the main menu, the manual PIN code entering is activated and each time the device is being turned on, the PIN code will have to be entered manually.

##1111# 11# 1# 0#

In PIN code entering control menu dial 2#, and the automatic PIN code entering will be activated, that is, PIN code will be automatically read from the device memory.

##1111# 11# 2# 0#

Note: in order to use automatic PIN code entering, the PIN code has to be saved in device memory.

To save PIN code in device memory, dial 3# in PIN code entering control menu, enter the PIN code and press #

##1111# 11# 3# <PIN code> #0#

8.12 Prefix Blocking

This function blocks phone calls to numbers with prefixes that are entered in Prefix Blocking group. In order to get to the *Prefix Blocking* menu, dial 12# in the main menu. Total 10 entries can be done.

##1111# 12# ... 0#

To enable the function, press 1# in *Prefix Blocking* menu.

##1111# 12# 1# 0#

Dial 2# in order to disable the function.

##1111# 12# 2# 0#

Maximum length of the blocking prefix is 6 digits.

8.12.1 Entry Supplement

To add new entry, dial 3# in *Prefix Blocking* menu.

```
##1111# 12# 3# ... 0#
```

This command activates entry supplement function. When the function is activated, choose entry place in the list. This is done by dialing the place number from 0 to 9 and pressing #. In such case particular placement in the list is chosen for the blocked prefix.

```
##1111# 12# 3# (0 ... 9) # ... 0#
```

Now you can enter a prefix and dial #.

```
##1111# 12# 3# (0 ... 9) # <prefix> # 0#
```

8.12.2 Delete Entry

Dial 4# in order to delete prefix in *Prefix Blocking* menu.

```
##1111# 12# 4# ... 0#
```

4# command activates entry deleting function. When the function is activated choose the entry place in the list. This is done by dialing an entry place number from 0 to 9 and pressing #.

```
##1111# 12# 4# (0 ... 9) # 0#
```

The particular blocked prefix will be deleted from the particular place in the list.

8.13 Number Blocking

This function blocks phone calls to numbers that are entered in Number Blocking group. The function is activated by dialing 13#.

```
##1111# 13# ... 0#
```

In total 10 entries are allowed. To enable number blocking, dial 1#.

```
##1111# 13# 1# 0#
```

Dial 2# to disable number blocking. The blocking numbers can consist of max 15 digits.

```
##1111# 13# 2# 0#
```

8.13.1 Entry Supplement

Dial 3# to add new entry.

```
##1111# 13# 3# ... 0#
```

This command activates number adding function. When the function is activated, place in the list has to be chosen. This is done by dialing the place number in the list from 0 to 9 and pressing #.

```
##1111# 13# 3# (0...9) # ... 0#
```

Now add a new phone number and dial #. Number starts with the prefix, + is omitted.

```
##1111# 13# 3# (0...9) # 370 651 12345 # 0#
```

8.13.2 Delete Entry

Entry is deleted by dialing 4#.

```
##1111# 13# 4# ... 0#
```

This command activates the entry deleting function. When the function is activated, choose entry place number in the list. This is done by dialing place number in the list from 0 to 9 and pressing #.

```
##1111# 13# 4# (0...9) # 0#
```

8.14 Set Number of Rings

This function allows to set number of rings after which the device will answer as a fax machine. Interval is from 2 to 9 rings. Default is 2. In order to get to the *Set Number of Rings* menu, dial 14# in the main menu.

```
##1111# 14# ... 0#
```

To set number of rings

```
##1111# 14# (2...9)# 0#
```

8.15 Set number of tries

If there is unsuccessful facsimile transmission attempt, it is possible to set number of automatic tries. Default number of tries is 3.

Dial 15# in the main menu in order to get to *Set number of tries* menu.

##1111# 15# ... 0#

To set number of rings

##1111# 15# (1...5)# 0#

8.16 Set delay between retries

If there is unsuccessful facsimile transmission attempt, it is possible to set time interval in seconds between automatic retries. Default value is 30 seconds.

Dial 16# in the main menu in order to get to *Set delay between tries* menu.

##1111# 16# ... 0#

To set time interval between tries

##1111# 16# (1...60)# 0#

8.17 Turning on/off always answer as fax

There is a possibility to activate always *answer as fax* function. If it is on, device automatically will answer as a fax machine after defined number of rings even if incoming voice call.

By default this function is not active. Dial 17# in *Service menu* in order to get to *Turning on/off always answer as fax* menu.

##1111# 17# ... 0#

Dial 1# to enable Answer as Fax function.

##1111#17# 1# 0#

Dial 2# to disable Answer as Fax function.

##1111# 17# 2# 0#

8.18 Turning on/off delete facsimile from memory after retries

By default function is enabled. It means that after defined unsuccessful number of tries facsimile message will be deleted from memory. If disabled, facsimile message stays in flash memory after defined unsuccessful number of tries and can be repeatedly resent later even after power off.

Dial 18# in *Service menu* in order to get to *Turning on/off delete facsimile from memory after retries* menu.

##1111# 18# ... 0#

Dial 1# to enable function which will delete facsimile message from memory.

##1111#18# 1# 0#

Dial 2# to disable function which will delete facsimile message from memory.

##1111# 18# 2# 0#

8.19 Show incoming number of pages

This function allows to turn on/off indication of incoming number of fax pages on remotely or locally connected facsimile machine LCD screen. By default this function is on.

Dial 19# in *Service menu* in order to get to *Show incoming number of pages* menu.

##1111# 19# ... 0#

Dial 1# to enable number of pages indication.

##1111#19# 1# 0#

Dial 2# to disable number of pages indication.

##1111# 19# 2# 0#

8.20 Restore Default Settings

Dial 99# to restore default settings.

##1111# 99#

9 Manufacturer parameters

Manufacturer parameters

Volume level	80%
Set time interval between dialing and connecting	3 seconds
Prefix	OFF
Voice Fax prefix	Fax
Caller ID display control	ON
Calling line identification restriction	Operator default
Turning on/off the call duration signal	OFF
Changing <i>Service menu</i> password	1111
Separate lines	ON
Baby Call	OFF
PIN code entering control	Manual
Prefix blocking	OFF
Number blocking	OFF
Set number of rings	2
Set number of tries	3
Set delay between retries	30 seconds
Turning on/off always answer as fax	OFF
Turning on/off delete facsimile from memory after retries	ON
Show incoming number of pages	ON

10 Table of Parameters

##1111# 1# 1# 0#	Volume level decrease
##1111# 2# 1# 0#	Volume level increase
##1111# 2# (1...5) # 0#	Set time interval between dialing and connecting
##1111# 3# 1# 0#	Number prefix blocking enable
##1111# 3# 2# 0#	Number prefix blocking disable
##1111# 3# 3# <Prefix># 0#	Prefix blocking entering
##1111# 4# 1# 0#	Voice Fax prefix for Fax
##1111# 4# 2# 0#	Voice Fax prefix for Voice
##1111# 5# 1# 0#	Caller ID DTMF enable
##1111# 5# 2# 0#	Caller ID type disable
##1111# 6# 1# 0#	Calling line identification restriction operator default
##1111# 6# 2# 0#	Calling line identification restriction enable
##1111# 6# 3# 0#	Calling line identification restriction disable
##1111# 7# 1# 0#	Minute notification on (1min.)
##1111# 7# 2# 0#	Minute notification off
##1111# 8# 1# 0#	Separate phone and fax sockets
##1111# 8# 2# 0#	Duplicate phone and fax sockets
##1111# 9# 1# 0#	Enable Baby Call Function
##1111# 9# 2# 0#	Disable Baby Call Function
##1111# 9# 3# <Number># 0#	Enter Baby Call number
##1111# 9# 4# (5 ... 30)# 0#	Enter Baby Call delay
##1111# 10# <New 4 digit menu password> #	Service menu password changing
##1111# 11# 1# 0#	Manual PIN code entering
##1111# 11# 2# 0#	Automatic PIN code entering
##1111# 11# 3# <New 4 digits PIN code># 0#	PIN code entering to memory
##1111# 12# 1# 0#	Prefix blocking enable
##1111# 12# 2# 0#	Prefix blocking disable
##1111# 12# 3# (0 ... 9)# <Prefix># 0#	Prefix adding
##1111# 12# 4# (0 ... 9)# 0#	Prefix deleting
##1111# 13# 1# 0#	Number blocking enabled
##1111# 13# 2# 0#	Number blocking disabled
##1111# 13# 3# (0 ... 9)# <Prefix># 0#	Number adding to the list
##1111# 13# 4# (0 ... 9) # 0#	Number deleting from the list
##1111# 14# (2 ... 9)# 0#	Number of rings to answer
##1111# 15# (1 ... 5)# 0#	Number of tries
##1111# 16# (1 ... 60)# 0#	Delay between retries
##1111# 17# 1# 0#	Answer as Fax enable
##1111# 17# 2# 0#	Answer as Fax enable
##1111# 18# 1# 0#	Delete facsimile from memory after retries enable
##1111# 18# 2# 0#	Delete facsimile from memory after retries disable
##1111# 19# 1# 0#	Show incoming number of pages enable
##1111# 19# 2# 0#	Show incoming number of pages disable
##1111# 99#	Restore default settings

11 ACRONYMS

MDMF - Multiple Data Message Format.
GSM - Global System for Mobile communications.
PBX - Private Branch Exchange.
SIM - Subscriber Identity Module.
PIN - Personal Identification Number.
AC/DC- Alternating Current/Direct Current.
PSTN - Public switched telephone network.
DTMF - Dual Tone Multiple Frequency.
FAX - Facsimile

12 TECHNICAL SUPPORT



This sign on the package means that it is necessary to read the User's Manual.

This sign on the package means, that used electronic and electric equipment should be stored separately.

If you encounter any problems while using the device and you are not able to solve them please follow these direction:

- double check if everything was accomplished according to *Voice Fax* user manual,
- set device back to default factory settings,
- download and install the newest *Voice Fax* device drivers and software from www.teltonika.eu,

If all direction above were performed but the problem still remains please contact our technical support team via e-mail support@teltonika.eu. We will be glad to help You.