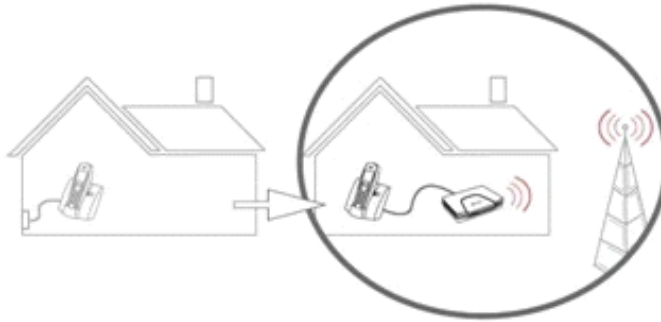


GSM Gateway FWT Fixed Wireless Terminal -TWT431G

User Manual



↵

TWT431G is a convenient GSM gateway used to connect phone to access GSM network plugging your phone on the device will allow you to:

- send and receive voice calls,
- send and receive SMS*
- Interrogate your voicemail



The box contains:

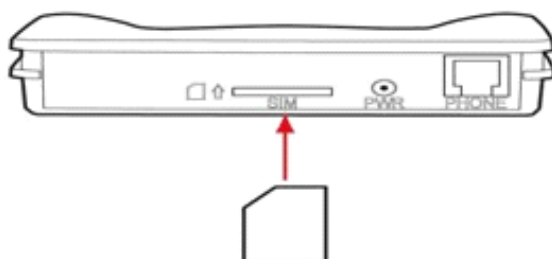
- TWT431G device,
- external power supply,

Quick installation guide,

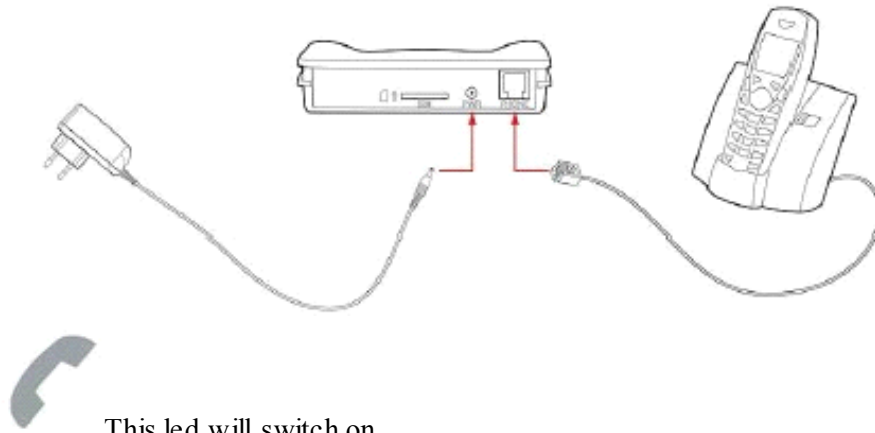
Your phone and all networks must support the SMS feature

INSTALLATION


Introduce the SIM card









Plug your telephone set and power up TWT431G




Enter pin code

Pin is requested if led  is blinking slowly and dial tone is high with interruptions
This is needed only once while the card is not changed

	pppp#		
	Means lift up the handset		
pppp#	Allowed pin numbers are 0000 to 99999, then #key.		
	Means :listen to the confirmation tone: A high pitched bip signals: ok A low frequency beep-beep signals: wrong pin SIM led will stay on		
	Means hook on the handset		

Check radio coverage

Good radio reception is essential for good audio quality

The led  will help you to check this quality.

The more the led is on, the best the quality is

<p>Good</p> <p>Install as high as possible</p> <p>Install as close of a window as possible</p>
<p>Bad</p> <p>Install close to a metallic device</p> <p>Install close to another radio equipment</p> <p>Install close to the telephone set or its cable</p>

Call

Make or receive a call is Similar to your fixed line

When your phone is ringing just lift up the handset of the telephone set and speak.

Dial your number, after a timeout (end of dialing timeout default value:4sec)the call Will be launched. To speed up you can press# at the end of the number.

To handle a second call, press r2, to accept, swap between calls.

To join the 2 calls and make a multiparty call, press r3

If voicemail led is blinking, call the 5500 to listen to your messages.

During the call the led will be switched off.

SMS





TWT431G supports SMS sending and receiving.*please check your phone manual to check if it supported and usage instructions

Service center configuration:

Number: 0172 227 0333

In order to activate the SMS service you need first to send a SMS to your own number, if failures occur , SMS service will be deactivated. Sending successfully a SMS will reactivate it.

User indication

Title	Phone handset	SIM	antenna	Audio tape
Led s picto				
off	Power off	Pb SIM SIM Missing SIM lock	Net work search	No message
On	Power on	SIM ok	Best quality When no for longest	--
Blinking	Slow: off-hook Fast:Unconditional Call Forwarding activated	Slow: pin request Fast: PUK request	Fast: emergency	New message

Different tones are available, when you lift up the handset depending on the situation.

Normal tone: phone ready to use

High or lower intermittent tone: problem with SIM (not inserted, pin or PUK required)




Standard call waiting, busy tone

*your phone the distant phone and all networks must support the SMS feature.

Configuration




To do only if your phone behave differently than usual.

- end of dialing timeout

 *5*005*TT#   TT is a value is seconds between 1 and 30 (default 4)




- flash signal duration (r key config)

Minimum value:

 *5*014*min#  

Min is a value in 10 milliseconds between 4 and 55 (default is 7)

Maximum value:

 *5*015*max#   max is a value in 10 milliseconds between 12 and 65 (default is 50)

Supplementary service configuration

Service	activating	deactivating	status
Call forwarding unconditional (CFU)	*21* Telnumber#	#21#	*#21#
Call forwarding if busy(CFB)	*67* Telnumber#	#67#	*#67#
Call forwarding if no answer (CFNRY)	*61* Telnumber#	#61#	*#61#
Call forwarding not accessible (CFNA)	*62* Telnumber#	#62#	*#62#
Call waiting	*43#	#43#	*#43#
Hide number (CLIR temporarily)	#31#	*31#	*#31#

When activating ,deactivating or checking a supplementary service a confirmation is given with a tone .high tone means accept and low tone means refused or inactive.

Troubleshooting

problem	Possible cause	How to solve it
Impossible to make c call	Network coverage	Check the antenna LED is not blinking too fast Move the device to find a better place
	SIM card issue	Enter pin code Check the SIM with another

		handset
Impossible to receive call	Same as previous	
	Call forward Unconditional activated	Check if the first led is Blinking fast ,in this case Deactivate the service
Call is launched before all the number is dialled	End of dialing Timeout too short	Configure a longer timeout value
Impossible to pick up a second call	Check call waiting Feature is available	Check this with your subscription
	Flash key not configured properly	Reconfigure the flash key
SIM is blocked	PUK code is required	Pick up, enter the following sequence “PUK code* new pin code* new pin code#”. Wait for confirmation tone

Safety notes

General: please read this manual carefully before using the device. Do not install your TWT431G in a humid room (bathroom, laundry, kitchen, etc.), or within 1.50 m of a tap or water source, or outside. The device, and all associated components (power supply , handset, cables),is for indoor use only .keep the device out of the reach of children, especially infants. Do not expose do not store diskettes, Credit cards or similar objects in the vicinity of the device.

Purpose: the sole purpose of the device is to make telephone and can be dangerous.

Installation: do not switch on the device if any cable or the device itself if damaged. Never use the device in areas where radio transmission is prohibited.

Health: the device contains a radio transmitter which may affect the operation of medical electronic devices such as hearing aids or heart pacemakers. Your doctor can provide you with further advice.

Emergency: the device is not functional in case of power shut down. Wireline phones should be used to perform emergency calls.

SIM card: please turn-off the manufacturer’s original power supply units. Take care that the power supply is always easily accessible .the voltage specified on the rating plate of the power supply is always easily accessible. The voltage specified on the rating plate of the power supply unit must match that of your mains supply. Disconnect the mains plugs of all devices during thunderstorms.

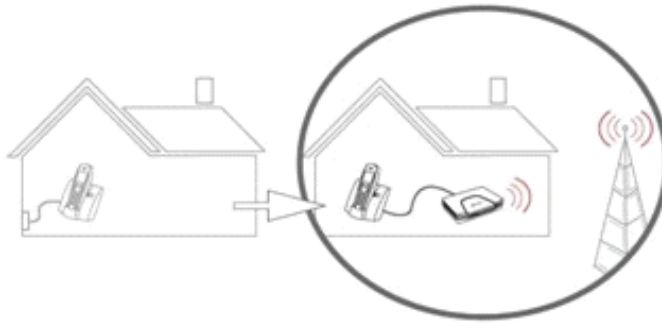
Packaging: to facilitate recycling please respect the sorting rules set up locally for this kind of waste.

Product: the crossed-out waste bin stuck on the product means that the product belongs to the family of electrical and electronic equipment .in this respect ,the European regulations ask you to dispose of it selectively : at sales points in the event of the purchase of similar equipment or at the collection points made available to you locally (drop-off center, selective collection, etc)



GSM Gateway FWT Fixed Wireless Terminal -TWT431G

说明书



TWT431G 是一款快捷的将电话机接入 GSM 网络的平台。
将电话机与此设备连接起来可以:

- 拨打/接听电话
- 收发短信
- 查询语音邮件

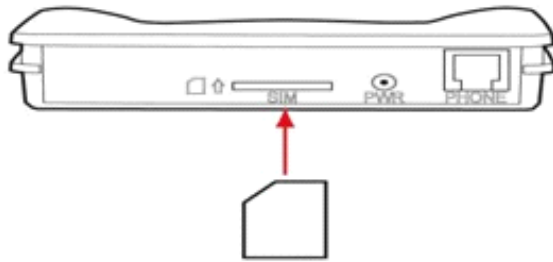


包装盒内包括:
TWT431G 设备
电源适配器
快速安装指南

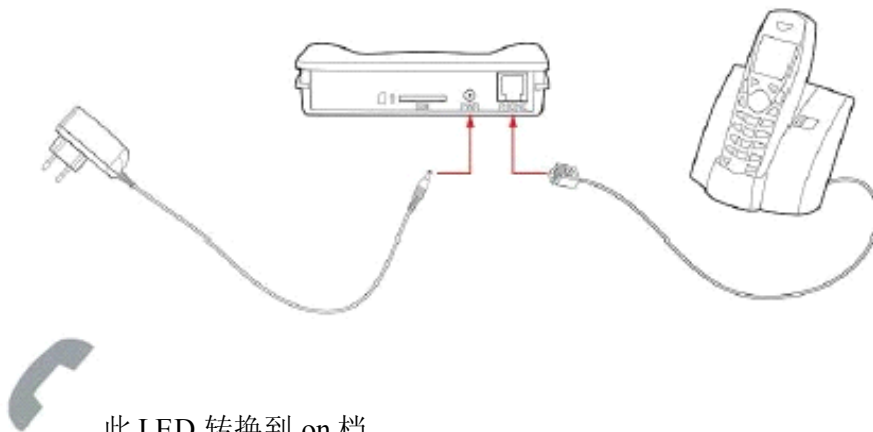
*电话机,对方电话机,和 GSM 网络必须都能支持 SMS 功能.

安装

1.认识 SIM 卡安装










2.连接电话机并接上电源.



此 LED 转换到 on 档.


3.输入 PIN 码

如果 LED  慢闪且拨号音是中断音,则需要 PIN 码.
此种情况必须是在卡没有更换的情况下

	pppp#		
	表示提起听筒		
pppp#	允许的 PIN 码从 0000 到 9999,然后按#.		
	听确认音: 一声高音"be" 表示成功. 低声的 be-be.. 表示错误的 PIN 码. SIM 卡 LED 还是亮的状态		
	表示挂好听筒		

4.检查信号覆盖

良好的信号是高质量声音的基础.

信号 LED  可以帮助你检查信号强度
越多的 LED 亮,说明信号强度越大.

正确

尽量安装在高处 尽管靠近窗户安装
错误 靠近金属设备 靠近另一种发射频率设备 靠近电话机或者线缆.

通话

打电话和接电话是和固定线路电话一样的操作.

当电话铃声响起,提起话机听筒讲话.

打电话时,拨号,等待(约等待 4 秒),号码会拨出.或者拨完号后按#号快速拨号.

当第二个电话打进时,按 R2, 接听.在号码中转换接听.

将二个来电号码接入并转入 3 方通话,按 R3.

如果语音邮件 LED 闪烁,拨打 5500 收听. 当拨出 5500 时,此 LED 会关闭.Make or receive a call

短信





TWT431G 支持短信收发,请检查电话机说明是否支持短信功能.

服务中心号码: 0172 227 0333

为了激活短信功能,必须先给本机号码发送一条短信,如果失败,此短信功能失效.

发送一条成功的短信才能重新激活.

使用指示

标题	话机听筒	SIM 卡	天线	语音邮件
LED 图片				
关	电源关	无 SIM 卡 SIM 被锁	网络搜索	无信息
开	电源开	SIM 卡正常	信号最强	--
闪烁	慢闪:没挂好听筒 快闪:呼叫转移	慢闪: 需 PIN 码 快闪:需 PUK 码	快闪:紧急	新信息

有各种不同音调.当提起听筒,情况有如下几种:

正常音调: 电话可以正常使用.

高或低断断续续的音.表示 SIM 卡有问题(没有插入,或者需要输入 PIN/PUK 码)




忙音:线路正忙

* 电话机,对方电话和网络都必须支持短信功能.

操作示意图




电话出现异常时根据以下指示操作.

- 拨号间隔时间

 *5*005*TT#   TT可设置为 1 到 30 秒。(默认为 4 秒)




●指示灯闪烁时间间隔(R 键)

最小值:

 *5*014*min#  

MIN 是指指示灯最短闪烁时间间隔.为 4 到 55 毫秒.(默认为 7)

最大值:

 *5*015*max#   MAX 是指指示灯最短闪烁时间间隔.为 12 到 65 毫秒.(默认为 50)

补充业务说明

服务	激活	取消	状态
一律呼叫转移 (CFU)	*21*号码#	#21#	*#21#
遇忙呼叫转移(CFB)	*67*号码#	#67#	*#67#
无应答呼叫转移 (CFNRY)	*61*号码#	#61#	*#61#
不进行呼叫转移 (CFNA)	*62*号码#	#62#	*#62#
呼叫等待	*43#	#43#	*#43#
隐藏号码	#31#	*31#	*#31#

当激活或者取消上述补充服务时,当设备成功后,会听到一个高音.低音则表示设置失败.

问题解决方案

问题	可能原因	怎样解决
不能呼出号码	网络覆盖原因	.移动设备到一个接收信号更好的地方
	SIM 卡有问题	输入 PIN 码.用另外话机检查 SIM 是否工作正常.
不能接收呼叫	和上述一样问题	
	设置了无条件呼叫转移	检查第一个 LED 是否快闪.是否无法提供服务.
号码未拨完已呼出	拨号间隔时间设置太短	设置较长的拨号间隔时间
不能接收第三方通话	检查呼叫等待功能是否可行	和通话者核查多方通话功能
	Flash 键工作是否正常	重新设置 FLASH 键
SIM 卡被阻止	需要 PUK 码	提起听筒,输入 PUK 码*新 PIN 码*新 PIN 码#. 待确认提示音.

注意事项

使用设备前，请仔细阅读本章！

- 1、在加油站、油库、化工厂或易燃易爆物品附近时不得使用本机。切勿靠近水、火、易燃易爆物品等。
- 2、避免在医院使用本机，医疗电子设备如起搏器和助听器容易受到干扰。本机工作时可能会影响到其它家电、电子设备的工作状态，如电视机、收音机等，建议本机的安放位置尽量远离类似设备
- 3、本机内含精密器件，请将设备置于较干燥的地方，不要安装在厨房、卫生间内，以免损坏话机。
- 4、各类线路（天馈线、电源线）在安装时要注意安装位置，加强防护，以防止老鼠咬坏线路。
- 5、网络信号的强弱将直接影响通话的质量及稳定性，请尽量将本机放置于网络信号接收良好的位置；要避免将本机安放在铁皮屋和金属屋顶的建筑内，设备的天线与其它金属物品（如金属支架、金属门窗等）的距离最好大于 25cm，多台相同设备之间的距离最好大于 50cm。
- 6、不要将本机安装在儿童很容易触及到的位置，以免跌落损坏话机或砸伤儿童。
- 7、只能使用固定台自带的配套电源或厂家指定型号的电源，使用其他电源不当会造成危险，很可能损坏固定台，并且这种类型的损坏不在保修范围之内。
- 8、使用中发现本机不能成功注册网络时，请检查天线和 SIM 卡是否安装好。

