

This document will guide you through the basic steps to setup your TIF-PRO2, it will show you the minimum steps you need to get your TIF-PRO2 working. You can find more information in the manual and on the RTS website. If you need more help you may contact the RTS support engineers, these are listed on the RTS website <u>www.rtsintercoms.com</u> under "Contact".

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Before you start

- When you switch on the unit, an administrator password must first be assigned.
- Please store the password in a safe place as the unit will need to be reset to factory settings if it is lost.
- Enter a self-selected password via the front keypad and confirm with OK.
- The password must be 8-16 characters long and must contain letters, numbers, and special characters.
- By pressing and holding the Shift key, you can switch between numbers, upper and lower case letters.

• The characters can be changed by pressing the keys several times. The table below shows the key assignment. 1 press and hold: space 2 press and hold: numbers/upper/lower case

• The technical manual in PDF format and the PC Workplace Management software for the TIF-PRO2 can be found on the enclosed USB drive. TS TIF-PRO2





Notice!

If you forgot your administrator password, you need to reset the RTS TIF-PRO2 to factory settings via the front display: **MENU | LOGIN | FACTORY**.

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Network setup

Set the LAN IP address via the front panel of the TIF-PRO2. Make sure that you have internet access on your network. Connect your TIF-PRO2 (LAN connector) and your config PC to this network using an IP address in the same subnet. I.e. TIF-PRO2 LAN 192.168.2.199, subnet mask 255.255.0. Config PC / Laptop 192.168.2.99, subnet mask 255.255.255.0. Also specify a gateway and DNS server address if needed to get to the internet.

Software install and use

Install the TIF-PRO2 software on your laptop with admin rights and run it as administrator. Configure the connection between your config pc and the TIF-PRO2. Go to the dropdown menu Configuration and click *control interface* and set these settings according to your IP addresses. The program might ask for your password as mentioned on the previous page.





Where the Interface is you config PC IP and the IP address is the IP of the TIF-PRO2, leave the port to 1000

Check if you are now connected, If not an error message will pop up.

Commented [dKR(C1]: Wat bedoel je hier?

Commented [DR2R1]: Bij interface staat je laptop / config PC IP en bij IP address die van de Tif

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SIP server setup



Set the desired operation mode, in this case Telephone to Key panel.

DON - Configuration		X
Operation Settings Operating Modes Line Interface	Operating Modes	Connection 2
VoIP (LAN/SIP) Audio Assignment Signal Processing Line Labels	Operating Mode: 1: Telephone to Keypanel 🔍	Operating Mode: 1: Telephone to Keypanel V
GPIO System Settings General Audio Interface	RS 485 address: 1 🗸	RS 485 address: 2 v
AES67 LAN Interface VLAN Ember+		
- Stream Quality Measurement - SNMP - Shortcuts - Date and Time		
		OK Cancel Apply Now

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In the VoIP settings fill in the SIP Server address, the username, user Authentication and the password. Don't tick the boxes @ tcp or STUN

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If you have no error messages you should be able to make a call.



Just dial your mobile phone number and or save it in the phonebook and as new and call, to test if this works. (no audio yet but the phone should ring)



If this is all ok we can continue to connect your TIF-PRO2 to your able to use

intercom matrix. You can purchase an adapter cable to be regular LAN cables for this.

When using this adapter don't forget to connect the XLR breakout cables to the TIF-PRO2 backside corresponding in and outputs.



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Setting up the intercom via AZedit.

First connect the TIF adapter cable to the RS 485 port (DB9) and the XLR connectors to the corresponding XLR chassis connectors on the Tif pro. After this connect the Aux 1 and 2 AIO connectors via ethernet cables to the AIO ports on the matrix.

Now connect to your matrix in AZedit and go to Options -> preferences and the TAB Advanced.

Applica	tion Preferences		?	×
Startu	o / Shutdown Alphas Logging General Advanced Authentica	tion Discovery Maintenance		
	Enable panel coll delay support	OMNEO Firmware Upload Tool:		
¥	Enable TIF / phone support			
· ·	Enable anhanced trunking support	Firmware Files (.HEX, .MOT, .BIB):		
V	Enable SERVER mode support	C:\RTS\AZedit\FIRMWARE		
_	Enable alarm notification popup	License Files (.LIC):		
Ē	Show capabilities on Intercom Configuration	C:\RTS\AZedit\LICENSES		
Ē	Allow reset config ('first birthday'')	SNMP Configuration Files (.AZS):		
	Allow intercom resizing in ONLINE mode	C:\RTS\AZedit\SNMP		
~	Allow key state changes	DHCP Server Configuration Files (.HCP):		_
v	Allow changes to TM communications	C:\RTS\AZedit\DHCP		
~	Allow firmware download	Debug Files (AZD):		
•	Allow license download	C:\RTS\AZedit\DEBUG		
	Allow forcing transfer of control in intercom			
	Load OMNEO / RVON channel configurations when reading setup file			
	Save OMINEO / RVON channel configurations when saving setup file:	S		
		OK Cancel Apply	ŀ	lelp

Check if the box Enable TIF / phone support is checked. If not do it now, and apply the setting.

Now make sure t	-	Warning	Channel	Type	Alpha	Port
			11	OMNEO	N011	11
to use for the TIF			12	OMNEO	N012	12
Options -> Port A			13	OMNEO	N013	13
			14	OMNEO	N014	14
In this case we us			15	OMNEO	N015	15
			16	OMNEO	N016	16
18 of the matrix f			1	AIO	TIF1	17
And physical AIO			2	AIO	TIF2	18
On your matrix.			19	OMNEO	N019	19
			20	OMNEO	N020	20
			21	OMNEO	N021	21
			22	OMNEO	N022	22
			23	OMNEO	N023	23
			24	OMNEO	N024	24
			25	OMNEO	N025	25
	-		26	OMNEO	N026	26

port you want set to AIO in ation table.

Ports 17 and the TIF-PRO2. nnel 1 and 2.

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In The Alphas menu give the assigned ports a suitable name like TIF or PHONE.



In AZedit KP view go to the ports you've specified for the TIF in this case Port 17 and 18 and go to *Keypanel / Portsettings -> Edit* and *Advanced*. In the *Options* section

Select both *Port is TIF* and *Key Labels* checkboxes. Click Done and send the changes to your matrix via the lightning button.

Age Advanced Vox Protices IFB Priority 1 Trunk IFB Priority 1 Trunk IFB Priority 1 Trunk Protity 1 Fanel Poll Delsy (ms) Panel Poll Delsy (ms) Preve FB Listen Destination Prot Port Number Agha 17 Tr TiF 1 SIP Server / Pot Selection Grones	aner / Port Conliguration - (017 : 1	ir 1)	ſ	×
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Image: Section of the section of t	IFB Priority	Enable Tone	Pre	v
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I Do Not Intempt FB Listen Destination FB Listen Destination FB Listen Destination FB Listen Destination FB Destination	Panel Poll Delay (ms)	🗞 🔽 Key Labels		
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17 TIF1 SIP Server / Port Selection Image: Comparison of the selection	Port Port Number Alpha	Enable Keypanel Mirroring		
SIP Server / Pot Selection	17 TIF1 •			
(mone> (mone>	SIP Server / Port Selection	Remote Assignment Gains		
<none></none>	<none></none>			
	<none></none>			

Now go into one of the Keypanels and assign the TIF ports to the desired keys of the panel.

Send the changes to the matrix and see if the buttons appear on the panels with a phone symbol on top of it. If you now press to talk on one of these buttons you get the options to dail a number on the keypanel display. You can navigate with your aux/vol. knob and type a phone number via the keypad.

After typing the number end with ## to initiate a call.

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You can also store *local Autodail* numbers in the Keypanel using AZedit if you panel has the AC options license. Go to the keypanel / Port settings menu and click on the keypanel icon.

In this go to the tab Key Options and make sure to also add the ## behind the numbers as in the example below.

	Autodial Numb	ers			Key Icons	
Solo Key <empty></empty>	Entry		Number		Key State	Display
	1	0653674624##			Has TIF Assignment	×
Exclusive Keys <empty></empty>	2	0651902138##			Has Trunk Assignment	×
	<add> •</add>				Has Chime	x
tch Disable					Is Group Master	×
Talk Kaun (amphi)					Has Autodial	×
Taik Neys Cempty>	One-Touch A	todials			Is Exlusive	×
Listen Keys <empty></empty>					Is Solo Key	×
Lton Lock Tak Keys Locked On cempty> Locked Off cempty> Listen Keys Locked On cempty>	Key Groups	Master Key 16 (none> (none> (none>	Talk Keys 1, 2, 3, 4, 5 <empty> <empty> <empty></empty></empty></empty>	Listen Keys 1, 2, 3, 4, 5 <empty> <empty> <empty></empty></empty></empty>	Key Volumes — ✓ Alow Key Volume Adju Minimum Key Volume — <u>Key</u> <u>Volu</u> <add></add>	me
Locked Off <empty></empty>	Chimes]	
	Key	Chime		Duration		
	caddo	Galle		CON BLICHT		
slies Vinimum Tally Duration 15 sec 💽						

Also One Touch Autodails can be specified per button so when you press these the call is being made automatically.

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There is also a way to store *Autodail numbers* on the Intercom matrix instead of the panels locally. Go to System and Auto Dail (alt+F9) and specify them here.



Don't forget the ## at the end of the number and make sure to tick the Scroll Enable box so you can see them on every panel.

You should now be able to choose these on your keypanels as well when you select the switch you've configured for this TIF.

Have fun!

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