

## **TECHNICAL SPECIFICATIONS**







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A decoder's IP address is changed via the DECODER SETTINGS software available for download :

#### DOWNLOAD DECODER SETTINGS

To communicate with the decoder, the connected PC must have a FIXED IP address. Like any decoder, the default IP address is 192.168.000.010 and the default Local Port and Remote Port are 2008.

#### STEP 1

Go to the Windows Explorer of your PC, right-click on the **NETWORK** folder, then choose the **PROPERTIES** tab.



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Select **CHANGE ADAPTER SETTINGS** then double-click on **ETHERNET**.

2			
	📱 Network and	Sharing Centre	
	$\leftarrow \rightarrow \cdot \uparrow$	🔆 > Control Panel	
	Control Pane	l Home	
	Change adap	ter settings	
	Change adva settings	nced sharing	
	Media stream	ing options	
		1	
			I
Network Connecti	ons	▼	
→ · ↑ 😰	➤ Control Panel ➤ Net	work and Internet > Network Co	onnections
)rganise 🔻 🛛 Dis	able this network device	Diagnose this connection	Rename this con
Connexion Not conne Bluetooth	r <b>éseau Bluetooth</b> cted Device (Personal Area	Ethernet Network cable unplu Killer E2500 Gigabit E	gged thernet Cont Killer i?
L			

#### STEP 3

Select **PROTOCOLE INTERNET VERSION 4 (TCP/IPV4)** then **PROPERTIES**.

Connect us	ing:					
📄 Killer	E2500 Giga	abit Etherne	t Controller			
				<u>C</u> o	nfigure	
This conne	ction uses th	ne following	items:			
🛛 🗹 🌄 Cli	ent pour les	réseaux M	icrosoft			^
Pa	artage de ficl apificateur d	hiers et imp	rimantes Ri DoS	éseaux Mi	crosoft	
	otocole Inter	met versior	4 (TCP/IF	v4)		
🗆 🔔 Pr	otocole de n	nultiplexage	e de carte n	éseau Mic	rosoft	
Pil	ote de proto	cole LLDP	Microsoft			
	otocole inter	met versior	I 6 (ICF/IF	vo)	>	Ť
<b>S</b>						_
Insta	<b>II</b>	Unin	stall	Pro	perties	
 ■ Descriptio	II	<u>U</u> nin	stall	Pro	operties	
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Insta     Descriptic     Protocol     Protocol     communi	II e TCP/IP (T ). Protocole ( ication entre	Unin ransmissior de réseau e différents r	stall Control Pr étendu par éseaux inte	Pro otocol/Int défaut per erconnect	emet mettant k és.	a :el

![](_page_1_Picture_15.jpeg)

![](_page_1_Picture_17.jpeg)

![](_page_2_Picture_0.jpeg)

## **TECHNICAL SPECIFICATIONS**

### STEP 4

The IP address of the PC must be identical to that of the decoder for the first 3 groups of numbers : **192.168.000**.

Only the last group of numbers must be different (10 for the decoder and 9 for the PC for example).

The subnet mask must be **255.255.255.0** and the default gateway **192.168.0.254**.

Ethernet Properties	Х			
Networking Sharing				
Connect using:				
🛃 Killer E2500 Gigabit Ethemet Controller				
<u>C</u> onfigure This connection uses the following items:				
Client pour les réseaux Microsoft Partage de fichiers et imprimantes Réseaux Microsoft Planificateur de paquets QoS Protocole Internet version 4 (TCP/IPv4) Protocole de multiplexage de carte réseau Microsoft Plate de protocole LL DP Microsoft				
Protocole Internet version 6 (TCP/IPv6)	H			
Install				
Description Protocole TCP/IP (Transmission Control Protocol/Internet Protocol). Protocole de réseau étendu par défaut permettant la communication entre différents réseaux interconnectés.				

### **CHANGE THE IP ADDRESS OF A DECODER**

 $\cdot$  Connect the PC and the decoder using an **RJ45 ETHERNET CABLE**.

![](_page_2_Picture_10.jpeg)

- Open the DECODER SETTINGS software.
- Select the IP ADDRESS CONNECTION and enter the default information of the decoder
- > To communicate with a Protime or Protime RF decoder, select the protocol CHRONELEC (19200)
   > To communicate with a UHF-RFID decoder, select the protocol CHRONELEC DISTANT RFID (19200)
- Then, click on **CONNECT**.
- The frame that appears attests the good connection between the PC and the decoder **2**

DecoderSettings (1.5.4) - Chronelec — X Options	DecoderSettings (1.5.4) - Chronelec     Options
Options  Commands Settings  Settings  Settings  Settings  Settings  Settings  Protocol:  Chronelec (9600)  Chronelec (96	Options           Commands         Settings           Opcoder         Settings           Setal port :         Image: Commands           Bende port :         2008         Image: Commands           Local port :         2008         Image: Commands           Protocol :         Ouronelec (19200)         Disconnect           Image: Commands         Image: Commands         Image: Commands         Image: Commands           Image: Commands         Image: Commands         Image: Commands         Image: Commands         Image: Commands           Image: Commands         Image: Commands         Image: Commands         Image: Commands         Image: Commands         Image: Commands           Image: Commands
Auto. status     Noise (STA) : Noise (BCX) :     Date and time     PC date         ● PC date         ● PC time         14 / 01 / 2019         ▼ Send         00 : 00 : 00        ● Send	Auto. status     Noise (STA) : 2     Noise (BOX) : 2     Date and time     ● PC date     ● PC date     ● PC date     ● 14 / 01 / 2019     ▼     Send     ● 00 : 00 : 00    ●     Send

![](_page_2_Picture_17.jpeg)

![](_page_2_Picture_19.jpeg)

![](_page_3_Picture_0.jpeg)

## **TECHNICAL SPECIFICATIONS**

	CHANGE TH	IE IP ADDRESS OF A DECODER
DecoderSettings (1.5.4) - Chronelec Options	-  X	<ol> <li>Open the SETTINGS tab of the DECODER SETTINGS software.</li> <li>FILL IN THE IP CONFIGURATION AND THE DESIRED PORTS.</li> </ol>
Commands       Settings         Settings		<ul> <li>Example :</li> <li>IP 10.81.77.61</li> <li>MASK 255.255.255.0</li> <li>RECIPIENT the address must match with the IP address (only the last number changes, and must be 255)</li> <li>LOCAL PORT 2010 / DESTINATION PORT 2010</li> <li>NB: IT IS RECOMMENDED NOT TO MODIFY THE PORTS.</li> <li>Click on SAVE to apply the changes.</li> <li>Open the COMMANDS tab of the DECODER SETTINGS software.</li> </ul>
✓ Distants decoders connected with RS485 / RS232         □ Distants decoders connected with fiber optic         □ Generate a synchronization signal at each interval (mm)         □ Synchronize running time at cell signal (hh : mm)         Protocol :       Chronelec (19200) ∨         Loops type :       Passive loop ∨         Tone loops (Hz) :       STA ∨ 256 ◆	0 + 00:00 + Read Save	Click on DISCONNECT to exit.  Commands 4 ngs Commands 4 ngs Commands 1 ngs Comma
IP Settings         2           IP adress :         010 . 081 . 077 . 061            Mask :         255 . 255 . 255 . 000            Gateway :         000 . 000 . 000 . 000		Local port :     2008       Protocol :     Chronelec (19200)
Remote host :     010 . 000 . 000 . 000 . 000 .       Local port :     2008 .       Remote port :     2008 .	3 Save	<b>FINALIZATION OF THE IP ADDRESS CHANGE</b> 1. RE-CHANGE THE PC IP ADDRESS TO MATCH WITH THE NEW DECODER ADRESS 2. TEST THE CONNECTION VIA DECODER SETTINGS OR DIRECTLY VIA ELITE V3

![](_page_3_Picture_4.jpeg)

![](_page_3_Picture_6.jpeg)

![](_page_4_Picture_0.jpeg)

## **TECHNICAL SPECIFICATIONS**

### CONNECTION PROBLEMS

In case the connection doesn't work before you even change the  $\ensuremath{\mathsf{IP}}$  address :

- Check the wiring and the IP address of the PC
- Disable Windows firewall and anti-virus through the Windows Defender Settings.

![](_page_4_Picture_7.jpeg)

#### IF THE IP ADDRESS OF THE DECODER HAS BEEN CHANGED AND FORGOTTEN

Connect the PC and the decoder using an RS232 USB CABLE.

![](_page_4_Picture_10.jpeg)

Open the DECODER SETTINGS software, and COMMANDS tab.

Log in to SERIAL PORT 1 then go to the SETTINGS tab and select READ 2
 this will automatically inform the information related to the network decoder connection.

ONLY PORTS (LOCAL AND DESTINATION) ARE NOT AVAILABLE IN RS232, THIS IS WHY IT IS RECOMMENDED NEVER TO CHANGE THE PORTS OF THE DECODER, UNLESS REQUIRED.

DecoderSettings (1.5.4) - Chronelec — 🗌 🗙	2 DecoderSettings (1.5.4) - Chronelec	- 🗆 X
Options	Options	
Commands         Settings           Decoder	Commands Settings Settings Running time to time of the decoder Detect transponders on the maximum level of detection GPS synchronization Time space fib: runnit	
Local port : 2008	Print passings on serial printer	
Protocol :         Chronelec (19200)         Connect           Commands         Image: Co	Distants decoders connected with RS485 / RS232     Distants decoders connected with fiber optic     Generate a synchronization signal at each interval (nm)     Synchronize running time at cell signal (hh : nm)	0 00:00
A	Protocol : Chronelec (19200) V	
	Loops type : Passive loop ~	Read
	Tone loops (Hz) : STA 🗸 256	Save
·	IP Settings	
Auto. status Noise (STA) : Noise (BOX) :		
Date and time     Pr date     Pr date     Pr time	Mask : 255 . 255 . 255 . 000 € Gateway : 000 . 000 . 000 . 000 €	
0 14/01/2019 Sand 000:00 ♣ Sand	Remote host : 010 . 081 . 077 . 255 🜲	
	Local port : 2008	
	Remote port : 2008	Save

![](_page_4_Picture_15.jpeg)

![](_page_4_Picture_17.jpeg)

![](_page_5_Picture_0.jpeg)

![](_page_5_Picture_1.jpeg)

![](_page_5_Picture_2.jpeg)