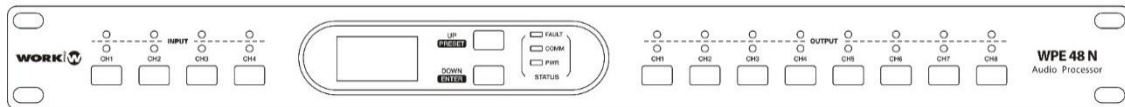


WPE 48N

APPLICATION NOTE / Version 1.1

LAN MODULE CONFIGURATION



1. Configuration through Web Interface

The web interface permits to change network parameters, also internal communications parameters. This application note will help you to restore the default internal communication settings due to changing this parameters could introduce communications issues between PC and WPE 48N, like for example device discovering.

1.1. Web configurator access

To access the webserver of the WPE 48N, use any web browser and type the IP address of the processor in the URL field. As you can see in the next picture, the default IP address is 192.168.2.1.

WPE 48N Editor System v1.1.9

Device List

Name: WPE48N
Addr: 192.168.2.1
MAC: 00-A1-B0-00-37-37

EQ Frequency

EQ	Frequency	Qfact	Gain	Type	Bypass
1	30.5Hz	3.0	0dB	Peak	<input type="radio"/>
2	101.5Hz	3.0	0dB	Peak	<input type="radio"/>
3	203.1Hz	3.0	0dB	Peak	<input type="radio"/>
4	500.0Hz	3.0	0dB	Peak	<input type="radio"/>
5	1.00KHz	3.0	0dB	Peak	<input type="radio"/>
6	4.01KHz	3.0	0dB	Peak	<input type="radio"/>
7	5.04KHz	3.0	0dB	Peak	<input type="radio"/>
8	10.08KHz	3.0	0dB	Peak	<input type="radio"/>

COMP

Threshold: -30dB
Ratio: 1:1
Attack: 50mS
Release: 300mS

Input Channel (Ch01-Ch04)

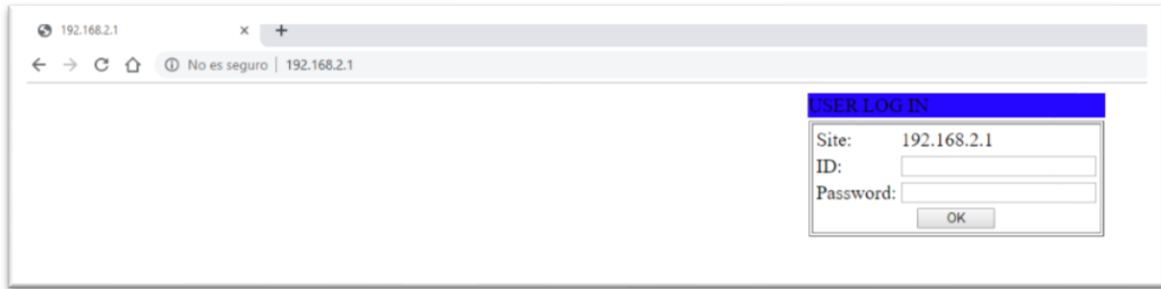
CH01	CH02	CH03	CH04
Mute	Mute	Mute	Mute
clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞
0dB	0dB	0dB	0dB

Output Channel (Ch01-Ch08)

CH01	CH02	CH03	CH04	CH05	CH06	CH07	CH08
Mute	Mute	Mute	Mute	Mute	Mute	Mute	Mute
clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞	clip +15 +14 +10 +6 +2 0 -2 -4 -5 -15 -25 ∞
0dB	0dB	0dB	0dB	0dB	0dB	0dB	0dB

Count: 1

Web browser:



The WPE 48N processor has an ID and a Password by default. These values can be modified in “Administrator settings”. Bear in mind that if you lose/forget that ID and/or Password, it will be not possible to access the Web configurator.

The default values are:

ID: admin

Password: system

After filling in these fields and pressing OK, the general administration window appears.

1.2. TCP mode page settings

Select the TCP tab and change the parameters as you can see below. Then click on update button.

TCP Control	
Item	Value
Telnet Server/Client	<input checked="" type="radio"/> Server <input type="radio"/> Client <input type="radio"/> Disable
Port Number	<input type="text" value="5000"/>
Remote Server IP Address	<input type="text" value="210"/> <input type="text" value="200"/> <input type="text" value="181"/> <input type="text" value="102"/>
Client mode inactive timeout	<input type="text" value="20"/> minute (1~99,0=Disable)
Server mode protect timeout	<input type="text" value="99"/> minute (1~98,0=Disable,99=Can't replace)
<input type="button" value="Update"/>	

1.3. UDP mode page settings

Select the UDP tab and change the parameters as you can see below. Then click on update button.

UDP		
Item	Value	
Status	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	
Local Port	21	
Remote Address	IP	Port
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>
	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>	<input type="text" value="0"/>

1.4. UART page settings

Select the UART tab and change the parameters as you can see below. Then click on update button.

UART Control	
Item	Setting
Mode	RS232
Baudrate	57600
Character Bits	8
Parity Type	none
Stop Bit	1
Hardware Flow Control	none
Delimiter	<input type="checkbox"/> Character 1: 00, <input type="checkbox"/> Character 2: FF <input type="checkbox"/> Silent time: 5 (1~255)*200ms <input type="checkbox"/> Drop Character



BAUDRATE Value: 57600



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