

A. Microphone LDA MCA-8N network configuration

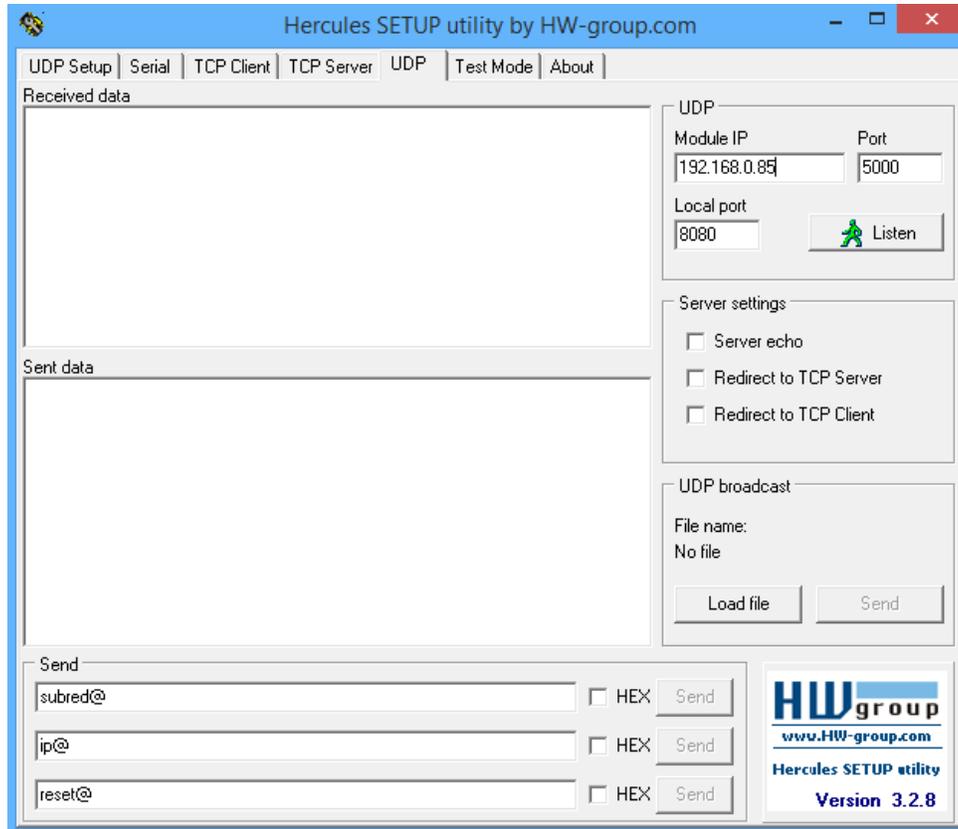


1. Download the free application HÉRCULES to do the UDP connection with the Microphone.
http://www.hw-group.com/products/hercules/index_es.html
2. The factory network range is 192.168.0.0/255.255.255.0, for which the PC needs to be in the following network configuration:

IP address: 192.168.0.XXX (use a free one)

Subnet mask: 255.255.0.0

No Gateway or DNS is needed
3. Open a command window and be sure that the computer is connected using “ping 192.168.0.85” or “ping 192.168.0.170” (Check the last digit with the device’s internal DIP switch).
4. Open HÉRCULES, UDP tab and indicate the Microphone’s IP address, the 5000 connection port and any local port, and click on “Listen” to connect.



5. Use the following commands:

- **ip@** to check the system's IP address.
- **subred@** to check the system's subnet mask.
- **pEnlace@** to check the system's gateway.
- **ip=X.X.X.X@** to change the system's IP address by putting a number between 0 and 255 instead of the x. For example: ip=192.50.4.6@
- **subred=X.X.X.X@** to change the system's subnet mask by putting a number between 0 and 255 instead of the x. For example: subred=255.255.255.0@
- **pEnlace=X.X.X.X@** to change the system's gateway by putting a number between 0 and 255 instead of the x. For example: pEnlace=192.50.4.1@

B. LDA ZES-22 Matrix network configuration



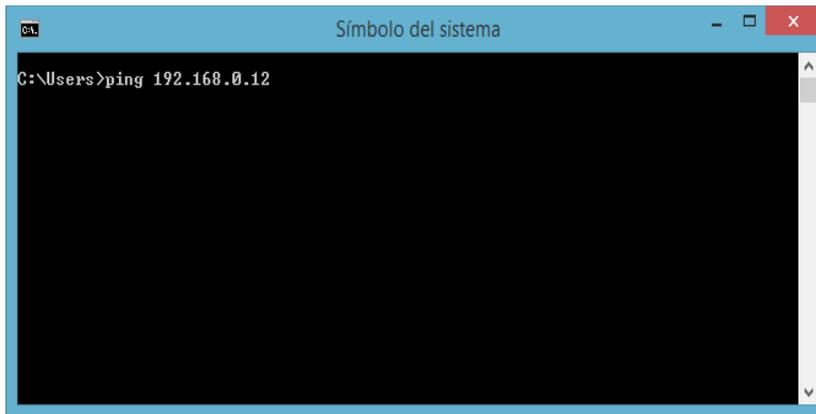
1. Plug the ZES-22 matrix to a power source.
2. Connect the PC to the port A of the matrix through Ethernet (it has an internal switch, you do not need crossover cable).
6. The factory network range is 192.168.0.0/255.255.255.0, , for which the PC needs to be in the following network configuration:

IP address: 192.168.0.XXX (use a free one)

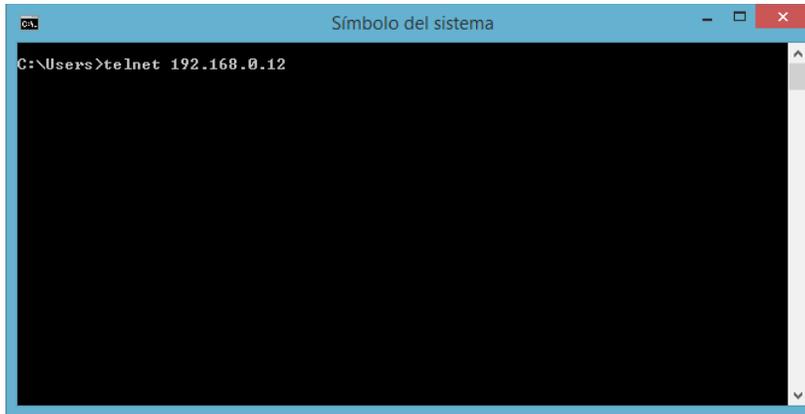
Subnet mask: 255.255.0.0

No Gateway or DNS is needed

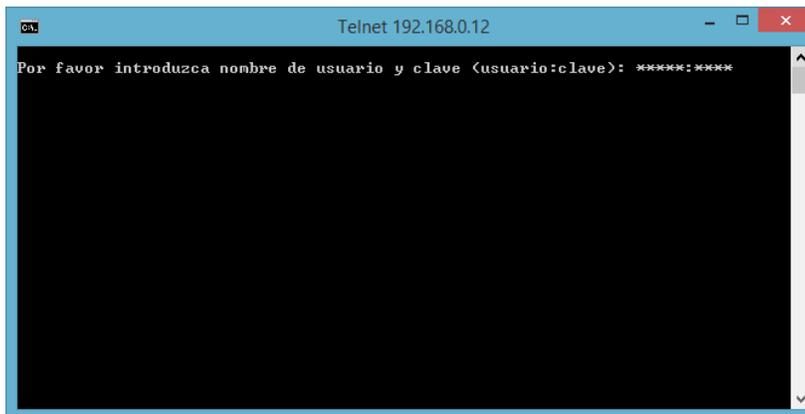
3. Open a command window and be sure you are connected to the system (192.168.0.3):



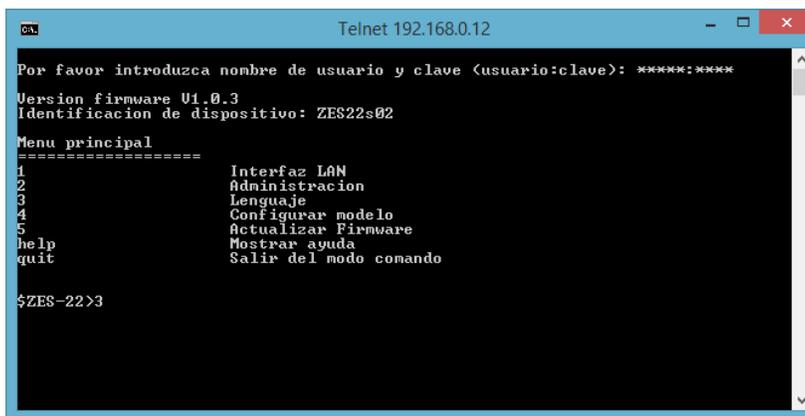
4. Send telnet command to the system:



5. Enter user and password "ADMIN:0000".



6. You will see the following menu.



7. To change the network interface, enter the number 1 from the menu.

```
Telnet 192.168.0.12
=====
1 LAN interface
2 Administration
3 Language
4 Model set
5 Update firmware
help Display menu specific help
quit Leave command mode

$ZES-22>1

LAN configuration
=====
up Go to main menu
set_ip_add Set IP address
set_ip_mask Set IP subnet mask
set_ip_gway Set default gateway
show_config Show network configuration
help Display menu specific help
quit Leave command mode

$ZES-22>
```

8. Check the network configuration with the command **show_config**.

```
Telnet 192.168.0.12
=====
1 LAN interface
2 Administration
3 Language
4 Model set
5 Update firmware
help Display menu specific help
quit Leave command mode

$ZES-22>1

LAN configuration
=====
up Go to main menu
set_ip_add Set IP address
set_ip_mask Set IP subnet mask
set_ip_gway Set default gateway
show_config Show network configuration
help Display menu specific help
quit Leave command mode

$ZES-22>show_config

IP address = 192.168.0.12
MAC address = 00-50-c2-65-6a-cb
Subnet mask = 255.255.0.0
Default gateway = 192.168.0.1
LAN speed AUTO

$ZES-22>
```

9. Change the IP address with the command **set_ip_add 10.10.2.101** (for example).

```
Telnet 192.168.0.12
=====
1 LAN interface
2 Administration
3 Language
4 Model set
5 Update firmware
help Display menu specific help
quit Leave command mode

$ZES-22>1

LAN configuration
=====
up Go to main menu
set_ip_add Set IP address
set_ip_mask Set IP subnet mask
set_ip_gway Set default gateway
show_config Show network configuration
help Display menu specific help
quit Leave command mode

$ZES-22>set_ip_add 192.168.2.101

Restart required!

$ZES-22>
```

10. A reboot is required, enter “quit”.



```
LAN configuration
=====
up                Go to main menu
set_ip_add        Set IP address
set_ip_mask       Set IP subnet mask
set_ip_gway       Set default gateway
show_config       Show network configuration
help              Display menu specific help
quit              Leave command mode

$ZES-22>set_ip_add 192.168.2.101

Restart required!

$ZES-22>quit

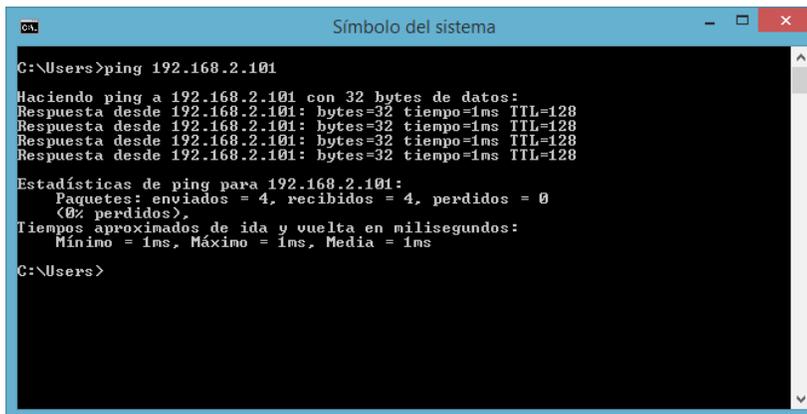
Bye Bye

$ZES-22>

Se ha perdido la conexión con el host.

C:\Users>
```

11. Disconnect the computer from the network and then reconnect it.
12. Ping the established IP address to check the changes.



```
C:\Users>ping 192.168.2.101

Haciendo ping a 192.168.2.101 con 32 bytes de datos:
Respuesta desde 192.168.2.101: bytes=32 tiempo=1ms TTL=128

Estadísticas de ping para 192.168.2.101:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
              (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 1ms, Máximo = 1ms, Media = 1ms

C:\Users>
```

If you have any doubt please contact our Support Department at LDA

sopORTE@lda-audiotech.com