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W04FXS 2020 Quick Installation Guide

i The Document describes how to connect and configure W04FXS Media Gateway.

FXS Gateways Datasheet: [Media Gateways Datasheet](#)

Other FXS Media Gateways Guides:

- [W01/02/04FXS old generation Quick Installation Guide](#)
- [W02FXS 2018 Quick Installation Guide](#)
- [W24FXS 2015 Quick Installation Guide](#)

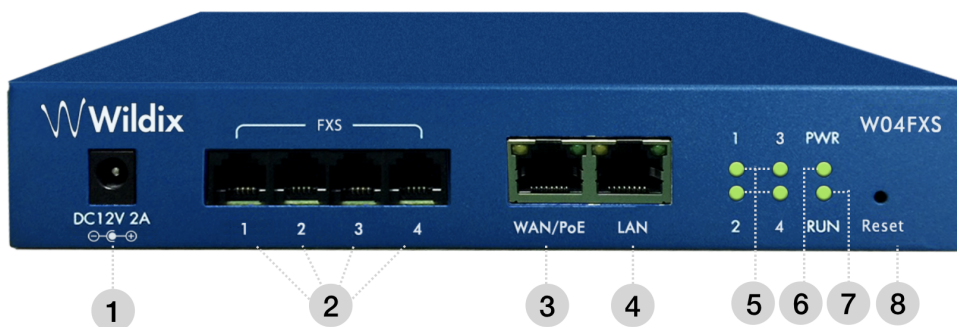
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Overview and LED indicators

04FXS Overview



1 - DC 12V power supply (optional, WMP code: PS-12V2A)

2 - FXS ports 1-4

3 - WAN/ PoE port

4 - LAN port

5 - FXS 1-4 LED indicators

6 - Power indicator: shows power supply status

7 - Running indicator: indicates network registration status

8 - **Reset** button

LED indicators description

Indicator	Definition	Status	Description
PWR	Power indicator	On	The device is powered on
		Off	There is no power supply or power supply is abnormal
RUN	Running indicator	Slow flashing	The device is running properly
		Fast flashing	SIP registration is successful
		Off	The device is running improperly
FXS 1-4	FXS In-use indicators	On	FXS port is currently occupied by a call
		Off	FXS port is idle or faulty
WAN/PoE/ LAN	Network indicators	Green flashing	The device is properly connected to network
		Off	The device is not connected to network or the connection is improper

Installation and network connection

- Connect network cable to WAN/ PoE port
- Connect telephone line to the FXS port(s)

 Note: W04FXS 2020 is a wall-mounted Media Gateway.

Network connection

The Gateway works in two network modes: Route and Bridge modes.

LAN port is configured in Bridge mode and WAN port is set up as a DHCP Client. Connect one of two ports to the same network as the PBX or an external DHCP server (for instance, its router).

As soon as the DHCP server assigns an IP address to the Gateway, you can pass to the next step of the Gateway configuration.

- In case the PBX is used as a DHCP server, the gateway is detected on the network automatically
- In case an external DHCP server is used, check the list of the active leases to detect the IP address assigned to the Gateway

Provisioning

Follow our [Provisioning of Wildix devices - Admin Guide](#) to provision the gateway.

For remote/ unreachable media gateways behind NAT/Firewall, follow our [online Guide to remote provisioning](#).

Configuration

Assign analog ports

Follow our online guide to assign the analog ports of the FXS gateway: [Assign analog ports of FXS to users](#).

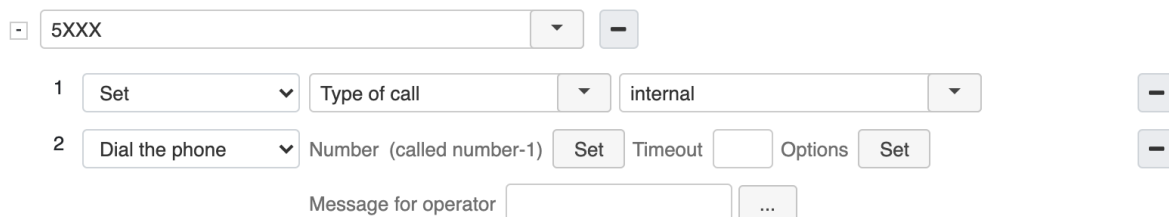
Set differentiated ringtones

W04FXS supports differentiated ringtones for internal/ external/ blacklist/ whitelist call classes.

Differentiated ringtones can be set in Dialplan. Add the following Dialplan applications for configuration:

- Set -> Type of call -> select the call class
- Dial the phone -> routes the call to the specified number

Dialplan example:



Detailed information on Dialplan applications: [Dialplan applications Admin Guide](#).

Factory reset

- Use the paper clip or the object of the similar shape to press the **Reset** button
- Keep the button pressed up to 15 seconds
- When PWR and RUN LED indicators become steady green, the reset of the Gateway is complete

Control calls using Flash button

Read the document: [How to control calls using Flash button on FXS Media Gateways.](#)