

Wisi VX 81 0S

Wisi VX 81 0S Home Connection Amplifier User Manual

Model: VX 81 0S | Manufacturer: Wisi

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Wisi VX 81 0S Home Connection Amplifier. Please read these instructions carefully before using the device to ensure optimal performance and safety. The Wisi VX 81 0S is a 1 GHz home connection amplifier designed for signal distribution within a residential environment, featuring a compact Mini Line housing and a variable damping regulator.

2. SAFETY INSTRUCTIONS

- Ensure the device is connected to a power supply that matches the specified voltage (230 VAC 50/60 Hz).
- Do not expose the amplifier to moisture, rain, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong electromagnetic fields.
- This product is intended for indoor use only.

3. PRODUCT OVERVIEW



This image displays the Wisi VX 81 0S Home Connection Amplifier. It features a compact silver housing with 'Input DS' and 'Output DS' ports at the bottom. The label on the device shows 'WISI MINI LINE VX 81 0S Verstärker Amplifier', along with electrical specifications (230 VAC 50/60 Hz ≤ 4.5W), downstream frequency range (85-1006 MHz / 21 dB), CENELEC specifications (42 ch. flat 98 dBμV), and upstream frequency range (5-65 MHz / 16 dB). Manufacturer details, model number (74123), and a barcode ([4010056741235](#)) are also visible. A black power cable extends from the right side.

Key Features:

- Compact Mini Line housing for discreet installation.
- Equipped with all necessary RF connectors for seamless integration.
- Adjustment elements with rotary support for precise signal level control.

4. SETUP

4.1 Mounting

The Wisi VX 81 0S amplifier is designed for wall mounting. Use appropriate screws and anchors suitable for your wall material to securely fasten the device. Ensure sufficient space around the amplifier for ventilation and cable connections.

4.2 Cable Connections

1. Connect the incoming signal cable from your antenna or cable provider to the '**Input DS**' port on the amplifier.
2. Connect the outgoing signal cable(s) to your distribution network or individual devices from the '**Output DS**' port.

3. Ensure all F-connectors are securely tightened to prevent signal loss.

4.3 Power Connection

Plug the integrated power cable into a standard 230 VAC 50/60 Hz electrical outlet. The amplifier will power on automatically.

5. OPERATING INSTRUCTIONS

The Wisi VX 81 0S features a variable damping regulator, which is a rotary selector, allowing you to adjust the signal amplification level. This adjustment helps optimize signal quality and prevent over-amplification or under-amplification.

5.1 Adjusting Signal Level

1. Locate the rotary selector on the amplifier.
2. Slowly turn the selector clockwise to increase amplification or counter-clockwise to decrease it.
3. Monitor the signal quality on your connected television or other receiving devices while making adjustments. Aim for a clear, stable picture and sound without distortion.
4. Optimal adjustment ensures that the signal is strong enough to overcome cable losses but not so strong that it overloads the receiving equipment.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Periodically check that the ventilation slots are free from dust and debris to ensure proper heat dissipation.
- **Cable Connections:** Occasionally inspect all cable connections for tightness and signs of corrosion. Re-tighten if necessary.
- **Environmental Conditions:** Ensure the amplifier remains in a dry, indoor environment within its specified operating temperature range.

7. TROUBLESHOOTING

7.1 No Signal or Weak Signal

- **Check Power:** Ensure the amplifier is properly plugged in and receiving power.
- **Cable Connections:** Verify that all input and output cables are securely connected to the amplifier and receiving devices.
- **Signal Source:** Confirm that the incoming signal from your antenna or cable provider is active and strong enough.
- **Adjust Amplification:** Use the rotary selector to adjust the amplification level. Too low or too high amplification can cause signal issues.
- **Bypass Test:** Temporarily bypass the amplifier by connecting the input cable directly to a receiving device to determine if the issue lies with the amplifier or the signal source.

7.2 Distorted Picture or Sound

- **Over-amplification:** Reduce the amplification level using the rotary selector. An excessively strong signal can cause distortion.

- **Cable Quality:** Ensure you are using high-quality coaxial cables. Damaged or low-quality cables can introduce noise.
- **Interference:** Check for nearby electronic devices that might be causing interference.

8. SPECIFICATIONS

| Feature | Specification |
|----------------------------|-----------------------------------|
| Model Number | VX 81 0S (74123) |
| Power Supply | 230 VAC 50/60 Hz ≤ 4.5W |
| Downstream Frequency Range | 85-1006 MHz |
| Downstream Amplification | 21 dB |
| Upstream Frequency Range | 5-65 MHz |
| Upstream Amplification | 16 dB |
| CENELEC Specification | 42 ch. flat 98 dBμV |
| Dimensions (L x W x H) | 16.3 x 9 x 5 cm |
| Weight | 640 g |
| Manufacturer | WISI Communications GmbH & Co. KG |
| Country of Origin | Germany |
| ASIN | B016EOX59I |
| Serial Number | 15270001 |

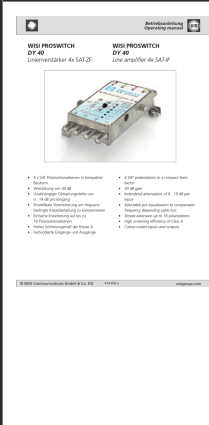
9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Wisi customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer Contact:

WISI Communications GmbH & Co. KG
75223 Niefern-Oeschelbronn, GERMANY

Related Documents - VX 81 0S



[WISI PROSWITCH DY 40 Line Amplifier - Operating Manual](#)

Comprehensive operating manual for the WISI PROSWITCH DY 40 line amplifier, detailing its features, installation, programming, and technical specifications for satellite IF signal distribution.



[WISI COMPACT HEADEND OH 50 A Operating Instructions and Technical Specifications](#)

Comprehensive operating instructions and technical specifications for the WISI COMPACT HEADEND OH 50 A unit, covering installation, setup, operation, updates, and troubleshooting.



[WISI OH 50 A COMPACTHEADEND Basic Unit: Operating Instructions and Specifications](#)

Comprehensive operating instructions and technical specifications for the WISI OH 50 A COMPACTHEADEND Basic Unit, covering installation, configuration, system settings, updates, and web interface management.



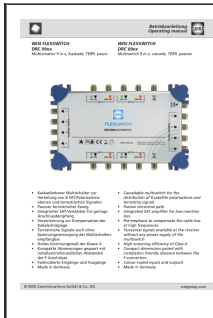
[WISI FLEXSWITCH DRC 17xx Multiswitch: Operating Manual and Technical Specifications](#)

Detailed operating manual and technical specifications for the WISI FLEXSWITCH DRC 17xx series multiswitches, covering features, installation guidelines, application examples, and comprehensive performance data for satellite and terrestrial signal distribution.



[WISI LRPS A230 Plug-in Power Supply - Operating Instructions and Technical Data](#)

Comprehensive operating instructions and technical specifications for the WISI LRPS A230 plug-in power supply, designed for the WISI LR10 IN HOME FIBER TERMINATION. Learn about safe usage, product features, and proper disposal.



[WISI FLEXSWITCH DRC 09xx Series: Satellite Multiswitch Operating Manual](#)

Operating manual for the WISI FLEXSWITCH DRC 09xx series multiswitches, detailing features, installation guidelines, application examples, and technical specifications for satellite and terrestrial signal distribution.