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STOLTZEN 1004 Cyclone Mini Audio Processor

STOLTZEN 1004 Cyclone Mini Audio Processor User Guide

Contents

STOLTZEN 1004 Cyclone Mini Audio Processor

Specifications

- **EIN (20Hz~20kHz, 22dB gain):** 100dB
- **Maximum output Balance:** 18dBu
- **Output impedance Balance**: 100 ohm
- **Sampling rate**: 48KHZ
- **A/D-D/A converter:** 24bit
- **Phantom:** +48 VDC
- **Maximum gain**: 40dB
- **Input impedance**: 20k ohm
- Frequency response (20Hz~20kHz @ +4dBu)
- THD +N (1kHz @ +4dBu)
- **Maximum input level**: 18dBu
- **Channel isolation**: 90dB
- Floor noiseA weighted

Product Usage Instructions

Front Panel
The front panel includes the following components

- WIFI launch antenna (Optional)
- DC 12V Power input
- ETHERNET port for system debugging
- USB port
- SYS PWR system indicator (flickering if running)

Back Panel
The back panel features

- MIC inputs 1-8 with phantom & gain adjustment support
- Balanced input and output configurations

Download Software from Device
To download software from the device

1. Enter the IP address of the processor in your browser (default IP: 192.168.1.200)
2. Ensure the PC and processor are on the same network
3. Click on DOWNLOAD to download the WINDOWS client from the download page and install it as prompted

This device supports Wi-Fi hotspots and can be connected via the hotspot named "Audio-****" with password "87654321" and Wi-Fi IP address: 192.168.2.1. Download the Mobile client application from the manufacturer's website.

After successful login, configure the processor. For detailed instructions, refer to the help menu in the document.

Frequently Asked Questions (FAQ)

- **Q: How do I reset the device to factory settings?**
  - A: To reset the device to factory settings, locate the reset button on the device, press and hold it for 10 seconds until the indicators change accordingly.
- **Q: Can I connect multiple devices to the processor simultaneously?**
  - A: Yes, you can connect multiple devices to the processor either via Wi-Fi or Ethernet connections.
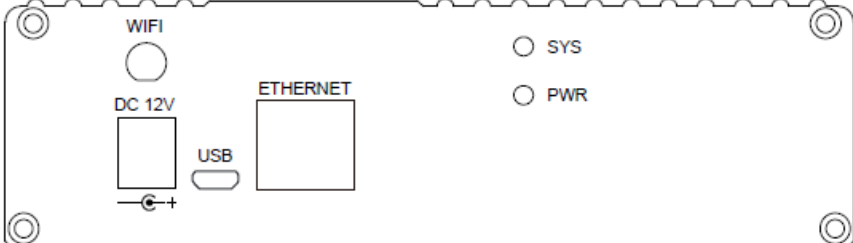
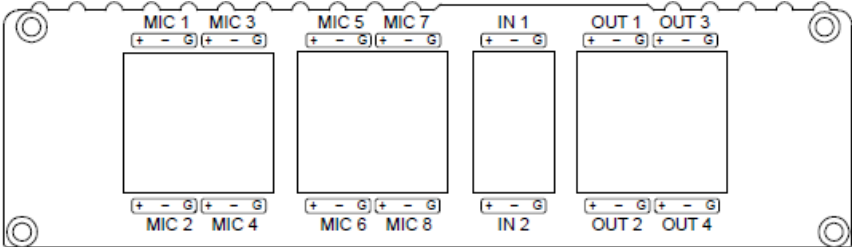**Stoltzen Cyclone 1004 Mini DSP**

MINI AUDIO PROCESSOR

Quick Guide
Thanks for choosing our mini audio processor, this guide will show you how to use this product, this guide applies to the Cyclone 1004 Mini DSP.

Front Panel

WIFI	WIFI launch antenna, Optional.
DC 12V	DC12V Power.
USB:	System debugging port
ETHERNET	Ethernet for console.
SYS:	System indicator, flickering if system running.
PWR	Power indicator.

Back Panel

MIC 1-8	Mic input, supported phantom & gain adjustment.
IN 1-2	Balance input.
OUT 1-4	Balance output.

Download software from device

Enter the IP address of the processor in your browser, (processor default IP 192.168.1.200 Make sure the PC and processor are on the same network. Click the "DOWNLOAD", download the WINDOWS client on the download page and install it according to the prompt.

This device supports Wi-Fi hot spots (Fitting parts), can be connected through the hotspot Name: Audio-****, password: 87654321, Wi-Fi IP address: 192.168.2.1. Please download the Mobile client application from our website.

Login software

Run the software and click the search button to view the current list of online devices. Double click the IP address you want to connect, enter the user name and password in the pop-up box (default user name: admin, password: 123456) and submit, if login successfully, the corresponding IP address bar will be changed from red to green.

You can configure the processor after successfully login. For more detailed instructions, please use the help menu of the help document.

Specification

EIN(20Hz~20kHz, 22dB gain)	<-110dBu
Dynamic range (20Hz~20kHz, 0dB)	> 100dB
Maximum output Balance	18dBu
Output impedance Balance	100 ohm
Sampling rate	48KHZ
A/D-D/A converter	24bit
Phantom	+48 VDC
Maximum gain	40dB
Input impedance	20k ohm
Frequency response (20Hz~20kHz @ +4dBu)	±0.2dB
THD +N (1kHz @ +4dBu)	< 0.01%
Maximum input level	18dBu
Channel isolation	90dB
Floor noise A weighted	<-88dBu
Power supply	DC 12V/<24W

Attention

1. Keep good ventilation in the environment so that the heat generated by the equipment can be discharged in time.
2. The equipment power should be turned off if the area becomes damp /moist or when not in use for a long time.

Packing List

Equipment	Power adapter	Screwdriver
1	1	1
Quick guide	6-Pin phoenix terminal	3-Pin phoenix terminal
1	6	2

Documents / Resources

STOLTZEN 1004 Cyclone Mini Audio Processor [pdf] User Guide
1004 Cyclone Mini Audio Processor, 1004, Cyclone Mini Audio Processor, Mini Audio Processor, Audio Processor, Processor

References

- **User Manual**