Audio Interface with sound processor

SRS Femida Audio Interface VC13

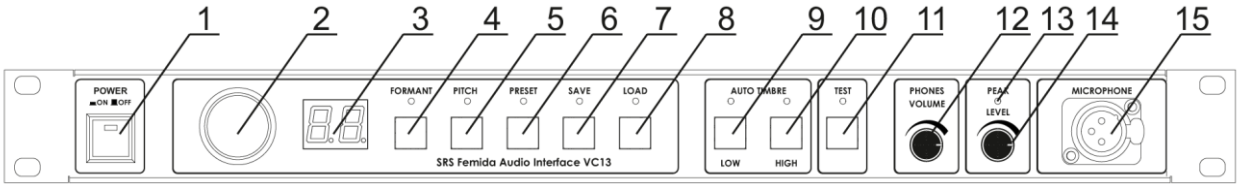


Main Features

- ✓ Real-time voice modification to protect witness's identity
- ✓ Complete concealment of individual voice and gender signs
- ✓ Automatic and manual modes of voice modification
- ✓ Excluded appearance of the unmodified voice to the device audio outputs for security reasons
- ✓ Secure un-reversible voice changing algorithm for automatic mode
- ✓ Separate adjustment of formant shift and main tone shift for manual mode
- ✓ Balanced and unbalanced analog inputs/outputs
- ✓ Input level peak indicator
- ✓ Manual level adjustment for analog inputs
- ✓ AGC and threshold noise reduction for inputs audio signals
- ✓ Robust construction (rack-mount design)

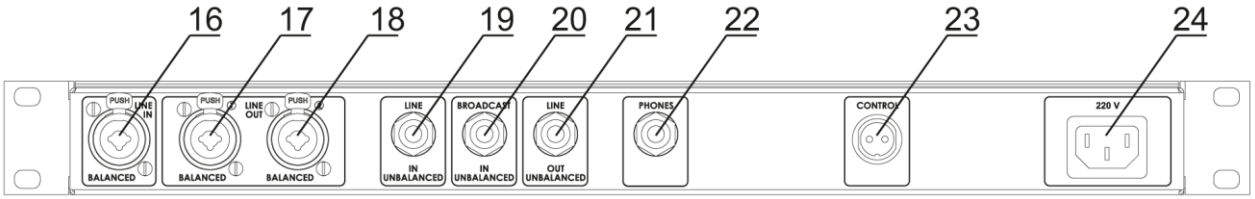
Special Recording Systems LLC.
Address: 5 Solomyanska str., office 218, Kyiv, 03110, Ukraine
Tel / Fax: +380 67 401-1765 (Ukraine, GMT+02:00)
+380 44 248-7990 (Ukraine, GMT+02:00)
E-mail: info@srs.kiev.ua
www.srsrecords.com

Front panel



1. POWER switch with LED	6. PRESET button	11.TEST button
2. FORMANT/PITCH/PRESET knob	7. SAVE button	12.PHONES VOLUME knob
3. DISPLAY	8. LOAD button	13.PEAK LED
4. FORMANT button	9. LOW button	14.MIC/LINE LEVEL knob
5. PITCH button	10. HIGH button	15.MIC IN

Rear panel



16.LINE IN XLR	19.LINE IN Jack	22.PHONES Jack
17.LINE OUT1 XLR	20.BROADCAST IN Jack	23.CONTROL Pedal Connector
18.LINE OUT2 XLR	21.LINE OUT Jack	24. AC Power Connector

Specifications

Name	Description
Operating modes	• Broadcast • Test
Voice modification modes	• Automatic low timbre with intonation/monotone • Automatic high timbre with intonation/monotone • Manual timbre adjustment
Analog inputs for voice modification type (quantity)	• Microphone balanced (1) • Line-level unbalanced (1) • Line-level balanced (1)
Analog outputs for modified voice type (quantity)	• Analog line-level unbalanced (1) • Analog line-level balanced (2)
Analog output for test listening	Headphones
Headphones output power	30 mW

Name	Description
Microphone phantom power	12 Vdc
Microphone input level	20 mV
Line input level	1000 mV RMS
Line output level	1000 mV RMS
Transformation of main tone	± 1 octave
Transformation of speech formants	± 1 octave
Output frequency range	70 - 8000 Hz
Audio processing latency	<50 ms
Temperature range	• Operating: +10° to +40° C • Storage: - 40° to +85° C
Power supply	110-240 Vac, 350 mA
Dimensions	485 (W) x 157 (D) x 44 (H) mm
Weight	2.8 kg

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