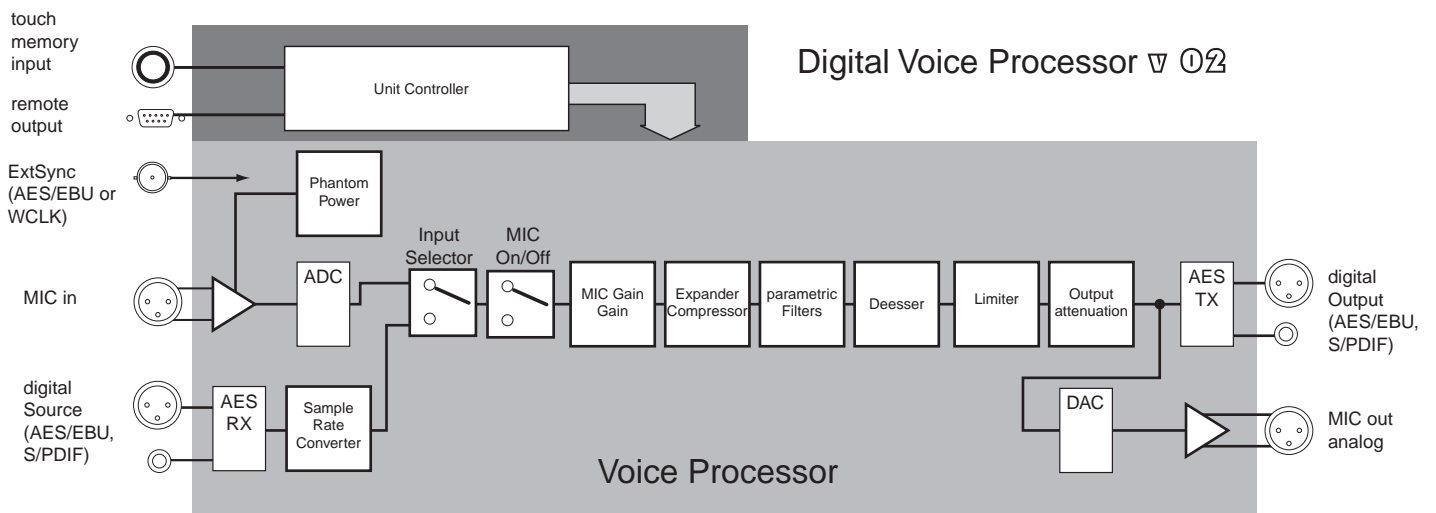


V 02 digital voice processor



- single channel mic preamp + ADC
- single channel dig. voice processor
- parameter storage and rapid changes by use of memory key
- analog and digital inputs and outputs
- remote operation by **urc** hardware remote controller or by
V control PC remote software



V 02

digital voice processor

**MIC**

input: electrical. floating balanced
input impedance: 5 kOhm
max. input level: +12 dBu, if LINE input is selected
 +6 dBu, if MIC input is selected and
 PRE AMP = HIGH LVL
 -25 dBu, if MIC input is selected and
 PRE AMP = LOW LVL
gain (mic gain + gain): 0 ... +90 dB, in 1 dB steps
frequency response: 40 Hz ... 15 kHz
CMRR: -90 dB @ 50 Hz
 -85 dB @ 15kHz
THD + N: -102 dB @ max. inp. level
equiv. inp. noise: @ 200 Ohm
RMS: -129 dBFS
A-wght: -131 dBFS
QP-CCIR : -116,5 dBFS

SYNC

format : AES/EBU or Wordclock, auto detection
sample rate: 30 .. 50 kHz
sync. level: >3 Vpp
input impedance: 1 kOhm
connector: BNC

GENERAL

Remote: parallel GPI / Tally
 serial RS-232/RS-422/CAN
Power Supply: 100/110/127/220...240 V, 15 VA
Dimensions: 19", 1 RU, 250mm depth
Weight: appr. 5 kg,

VOICE PROCESSING

AGC: max. 20 dB gain
Mic Gain: 0...70 dB
EQ low: 50...500 Hz, -15...+15 dB, Q 0.5...8
EQ mid: 50...15 kHz, -15...+15 dB, Q 0.5...8
Hi-Shelf: 1...15 kHz; -15...+15 dB
Hi-Cut: 1...15 kHz
Low-Cut: 40...160 Hz
Expander: Thrs -50...-20dB, Rel 200ms...4s
Kompressor: OFF, 1.3:1...4:1, Gain 0...15 dB
De-Esser: male/female, 1...14kHz, Range -20...0 dB
Mix Function (only V 01)
Ducking: Thrs -40...0 dB, Range 0...20 dB
 Attack 20...250 ms, Rel 0.1...2.5 s

ANALOG OUT

output: electrical balanced
output impedance: 50 Ohm
output level: +11...+22 dBu adjustable, @ 0 dBFS
frequ. resp.: 20 Hz ... 20 kHz , (-0.5 dB)
with calibration 0 dBFS = +15 dBu, 0dB gain
THD: <0.005 %
dynamic range: 93 dB
noise : -88 dBu (RMS)
 -79 dBu (QP-CCIR)

DIGITAL IN

format : AES/EBU, S/PDIF, EIAJ-340
input: XLR, balanced , 110 Ohm, 2 Vpp
 RCA, unbal. , 75 Ohm, 0.5 Vpp
input sample rate: 30 .. 50 kHz
 asynchronous sample rate conversion, 16 bit
dynamic range: 94 dB
 (not transparent for C- or U-bits)

DIGITAL OUT

format : AES/EBU, (professional or consumer CSB)
output: XLR, balanced , 110 Ohm, 5 Vpp
 RCA, unbal. , 75 Ohm, 1 Vpp
output sample rate: 48 kHz or locked to EXT. SYNC

ACCESSORIES

URC10 universal remote controller
 19", 1RU reomte panel
Vcontrol PC based remote software
PresetManager PC based preset administration software



Design and specifications
are subject to change without
notice. All rights reserved.

Printed in Germany 09/2001.
© 2001 Jünger Audio Berlin

Jünger Audio Studioteknik GmbH
Justus-von-Liebig-Strasse 7
12489 Berlin
Germany

phone:+49 (030) 677721-0
fax:+49 (030) 677721-46
e-mail: info@junger-audio.com
http://www.junger-audio.com