

# SAVILLE PROFLEX

## PROFESSIONAL AUDIO AMPLIFIER



Saville ProFlex is a cost effective professional amplifier well suited to a wide range of applications, designed and developed by Saville Audio Visual in partnership with a leading pro-audio manufacturer.

The casing features removable rack ears so it can be professionally rack mounted or shelf mounted, according to the situation in which it is used. ProFlex is fully controllable as part of a larger AV system (typically using AMX, Crestron, Extron or Saville control systems) but is just as happy as a simple standalone amplifier.

Designed for 24/7 use, it offers far better performance than the domestic amplifiers which are typically used in small and medium sized AV installations by other integrators. The maximum power output can be digitally adjusted to match the power handling of the speakers and optional 100v transformers allow it to be used in distributed audio systems, making it a truly versatile stereo integrated amplifier.

The unit can operate with one stereo zone, two volume-linked zones, or two individual-volume zones. The unit also offers versatile user and installer settings, RS-232 control, gain-adjustable line-inputs, a MIC-input for paging, and many other professional features.

### THREE OPERATING MODES

ProFlex can operate with 1 stereo zone, 2 volume-linked mono zones or 2 individual-volume mono zones.

**User controls:** music volume, mic level, treble, bass. The controls can be locked.

### EXPERT CONTROLS (ACCESS CAN BE RESTRICTED):

- Zone settings: 1 stereo zone, 2 volume-linked zones or 2 individual volume zones
- Maximum volume setting (per zone)
- Maximum microphone level (per zone)
- Preset gain per source
- Automatic loudness
- Paging on/off (per zone)



# SAVILLE PROFLEX AMPLIFIER

## TECHNICAL SPECIFICATION

### PROFESSIONAL FEATURES

- Stand-alone, RS-232 or IR-controlled
- Digital limiter keeps your system and speakers in control
- 4 stereo, gain-adjustable line-inputs
- Line 4 input also as minijack on front panel for connection of laptop and personal audio devices
- Line-out and pre-out
- Integrated switchable highpass filter for subwoofer use
- Temperature control and automatic protect shutdown in case of overheating
- Removable rack-ears included
- IR remote control and IR extender optionally available

dynamics program power, both channels driven	8 ohm 50 W + 50 W
dynamics program power, both channels driven	4 ohm 80 W + 80 W
dynamics capacity at 1,7 ohm dips / ch note ; power output controlled by digital limiter	120 W
Lo-cut filter	75 Hz / 12 dB/oct
speaker impedance - connection	4-16 ohms / ch - Euroblock secured screw terminals
<b>DIGITAL CONTROL</b>	
RS232	SUB-D9, galvanically isolated
IR (IR-remote control optional)	front IR eye, rear mini-jack
<b>INPUTS / OUTPUTS</b>	
Source inputs A-B-C-D Input impedance / sensitivity	15 Kohm / 0,3V -10dBV, MAX 2,7V +8,5dBV
Source inputs A-B-C-D digital preset gain range	-20 / +14 dB
Source digital tone control	Bass 90Hz, Treble 15 KHz, +/- 14dB
Automatic Loudness	+6dB (90Hz) / +4dB (15 KHz) to FLAT 0dB
Micro balanced Input impedance / sensitivity	1,5 Kohm / 1,5 mV -56dBV, MAX 0,4V -8dBV
Micro balanced Input rear panel gain trim	-56 / -16 dBV mic - line
Micro Tone control ; rear panel Lo - Hi	100Hz/+3dB, 10kHz/-6dB to 100Hz/-9dB, 10KHz/+4dB
Pre-out impedance / sensitivity	1 K ohm / 0 dBV
Line-out impedance / sensitivity	1 K ohm / +3 dBV
<b>GENERAL</b>	
Operation modes	stereo / 2 zones linked / 2 individual zones
Micro	Paging 1 or 2 zone
Frequency response	(- 0,5 dB) 10Hz-40 KHz
THD	< 0,05%
IMD	< 0,09%
Noise A-weighted >	100 dBA
Gain	33 dB
Damping Factor	> 100
Protection systems	DC, temp, clip, overcurrent, short-circuit
Cooling	convection, no fan
Power consumption	max 170 Watt
Mains Power requirements	240 - 230 Vac, 50-60 Hz
Temperature operating range	0° - 40°c
<b>PHYSICAL SPECIFICATIONS</b>	
Net dimensions (W x H x D)MM	430 (without rackears) x 88 x 290 (320 including knobs)
Gross dimensions (W x H x D)MM	530 X 380 X 170
Net weight	6.6 kg
Gross weight	7.6 kg

