

Design, manufacture and supply communication systems world wide for use in the petrochemical industry.

DS0009 Rev A – Vodec VP360 Public Address (PA) Amplifier

Features	Benefits
High power output	Fewer amplifier modules required
Battery back-up capability as standard	Use in more critical applications
Integral fan cooling	Enhanced reliability
User selectable high pass filter	Prevents damage to horn loaded loudspeakers by low frequency drive below horn cut-off frequency

The Vodec VP360 is a robust 19-inch rack mountable audio power amplifier designed for use in industrial applications. The unit comprises of a rugged 3 Unit high compact enclosure which houses integral dedicated fan cooling, for enhanced reliability, and fascia mounted LED status display to facilitate service. Indications include:

- a) level meter configured in three steps
- b) supply status
- c) amplifier self-protection circuit initiated

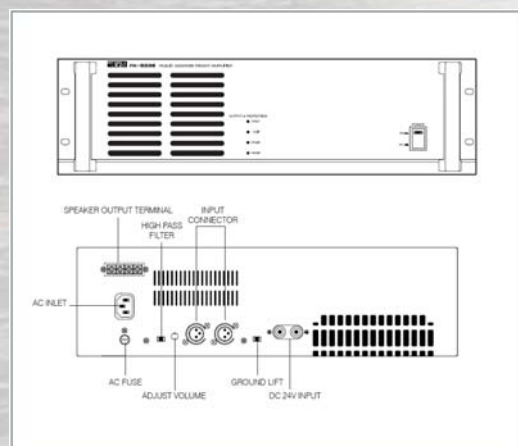
The unit is fitted with a tamper resistant pre-set level control to allow engineer input adjustment from -12dB to 0dB and amplifier output is an industry standard 100 Volt loudspeaker line with an option to pre-select 70 Volt line if required. The output stages are fully protected against open and short circuit loudspeaker line possibility.

A pass filter is incorporated that can be switched into circuit by means of a filter selector located on the rear of the unit, this can be activated to prevent low frequency drive to horn loaded loudspeakers there by inhibiting program drive below 400Hz (-3dB point).



The Vodec VP360 is rated at 360 Watts and can be energised from AC mains supply, 110 to 240V AC, input as well as 24V DC to ensure continued amplifier facilities in the event of AC mains disconnection. The VP360 can be used with either the Vodec P3-VX/AT or Vodec P3-VXS to form a fully integrated broadcast package.

Note: where a fully monitored system is specified Vodec type VA300 amplifier incorporates full supervision, self-testing and N+1 auto hot-standby capability.



Technical Specification	
Supply input	110-240V AC 50/60Hz
Back-up supply option input	24V DC
Input sensitivity	0dBm
Frequency response -3dB points	70Hz to 18kHz
Distortion THD	Less than 1%
Power output	360 Watts RMS
Power consumption	680 Watts
Dimensions	482mm Wide, 132mm high, 280mm deep
Weight	19kg
Colour	Black
Enclosure material	Alloy
Ordering information	
VP360	



For your local office please contact:

Head Office

VODEC

Industrial Communications Ltd

Vodec Industrial Communications Ltd,
Parkview, Lockwood Close
Nottingham,
NG5 9JN,
England,

Tel: +44 (0) 115 967 5240

Fax: +44 (0) 115 967 5241

E-mail: sales@vodec.com

Web: www.vodec.com

Regional Offices



Vodec-USA,
103 Charbonnet Road,
Duson,
LA 70529
United States of America
Tel: +1 337 326 5395
Fax: +1 337 406 0999
E-mail: sales@vodec-usa.com
Web: www.vodec-usa.com



Vodec Asia Pacific Sdn. Bhd
Suite E-10-5 Megan Avenue 1,
189 Jalan Tun Razak
50450 Kuala Lumpur
Malaysia
Tel: +60 3-21669580
Fax: +60 3-21669807
Email: sales@vodec-asiapac.com
Web: www.vodec-asiapac.com



Vodec France
11, rue Email Roux
94120 Fontenay-Sous-Bois
France
Tel: +33 (0) 141951849
Fax: +33 (0) 141951849
Email: sales@vodec-france.com
Web: www.vodec-france.com