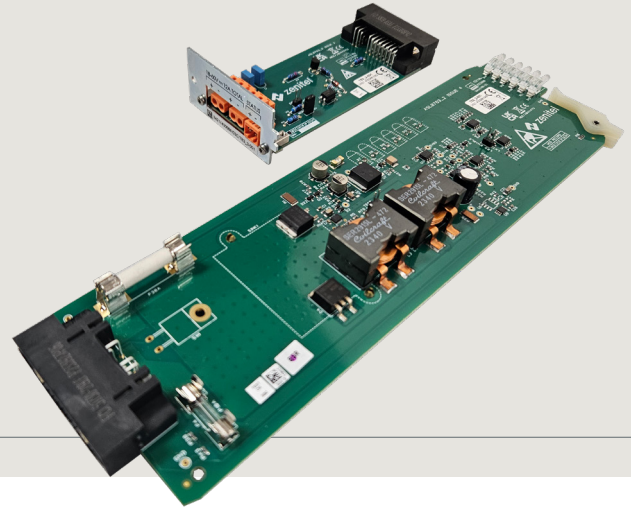


- ✓ Provides Access To Spare Battery in a V2000 or INTEGRA frame
- ✓ Modular Design
- ✓ Nominal 9A 24 Vdc Output
- ✓ Incorporates Short-Circuit Overload Protection
- ✓ Clear Led Fault And Power Indication
- ✓ Compatible with the Zenitel BDU01
- ✓ Integrated part of an Zenitel EN 54-16 certified PAVA System



# V2000-POK01

## Power Interface Kit for the V2000 or INTEGRA

Zenitel's V2000-POK01 kit is designed to be installed inside Zenitel's V2000/INTEGRA amplifier mainframes. It facilitates access to spare battery-backed power, addressing the limitation of the standard AUX output on the frame, which is fused at a maximum of 2A. The battery-backed DC output from the V2000-POK01 can be utilized to provide power to Zenitel's Beacon Driver Unit (BDU01) option.

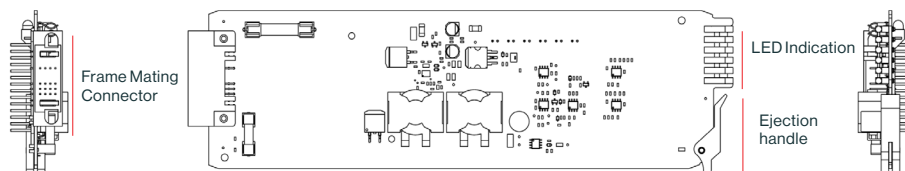
The kit consists of two interface cards, one installed in the front and one in the rear of the amplifier mainframe. Each kit occupies a single slot in the mainframe and offers a fused DC output up to 9A @ 24 VDC. The actual available power output of the card depends on the configured amplifier power and the PAVA system's battery backup requirements.

### EN 54-16 Certified

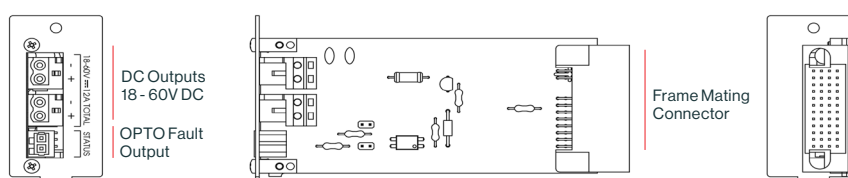
The V2000-POK01 is EN 54-16 certified as part of the Zenitel PAVA (Public Address and Voice Alarm) system, ensuring compliance with industry standards.

## MECHANICAL

### Mechanical Overview (Front Mount Card)



### Mechanical Overview (Rear Mount Card)



# SPECIFICATIONS

<b>General</b>	
Quiescent Current	20 mA @ 24V DC
Efficiency:	96%
Mains / Battery Switch Over	≤ 3 Seconds
<b>Input</b>	
Number of Inputs	1
Connectivity	Internal Frame Connections
Supply Voltage	21-32V DC
<b>Output</b>	
Number of Outputs	1
Number of Output Connectors	2 (Connectors in Parallel)
Total Output Current	9 A @ 24 VDC
Output Voltage	21-32 V (Dependent on battery voltage)
Output Fuse	10 A
<b>Equivalent Amplifier Loading in SCT</b>	
3A Output Load	270 W
6A Output Load	540 W
9A Output Load	810 W
<b>LED Indicators</b>	
Power	Green
Fault	Yellow
Output Active	Green
<b>Heat Output</b>	
Quiescent	1 BTU/h
Operating (Rated Power 9A)	38 BTU/h
<b>Environmental</b>	
Temperature (Operational)	-10 °C to +55 °C
Temperature (Storage)	-20 °C to +55 °C
Humidity (Operational & Storage)	0% to 93% non-condensing
Ingress Protection	IP20 as part of amplifier frame

<b>Mechanical</b>	
Kit Parts	2 Separate Cards
Finish	Metal (Zintec) / Silver
Mounting	V2000 or INTEGRA Frame Slots
Rear Card Dimensions (H x W x D)	50mm x 15mm x 130mm
Front Card Dimensions (H x W x D)	80mm x 20mm x 275mm
Rear Card Weight	0.036kg
Front Card Weight	0.115kg
Connectors	Provided
Installation (V2000 or INTEGRA)	≤ 2 (Card Slots 9 and 10)
<b>Control Interfaces</b>	
General Fault Relay (COM, N/O and N/C)	1
<b>Reliability</b>	
MTBF (MIL-HDBK-217F)	tbd
<b>Software, Tools and Management</b>	
Configuration Tools	IP based SCT
VIPEDIA Bundle	≥ V5
<b>Approvals &amp; Standard Compliance</b>	
Fire Detection and Fire Alarm Systems	EN 54-16 and 4
Rail	EN 50121-4
Environmental Directive (Safety)	EN / IEC / UL 62368-1
Environmental Directive (Immunity)	EN 55103-1 / EN50130-4
Conformity	CE / CPR / UKCA
Environmental	RoHS / REACH
<b>Product Part Codes</b>	
V2000-POK01	V2000 Power Output Kit—24VDC
<b>Compatible Hardware</b>	
BDU01	Beacon Driver Unit—Six Channels
V2000 / V2000-r2	PAVA 2000W POWER AMPLIFIER MAINFRAME (0 AMPS)
INTEGRA Range Available in 0, 3, 5, 7 and 10 Channels	WALL MOUNT PAVA SYSTEM