

- **IPS-ZC1:** Single-zone IP-Compliant System Line Level Interface
- **IPS-ZC2:** Two-zone IP-Compliant System Line Level Interface

For larger applications where installation of multiple IP Loudspeakers is both impractical or cost prohibitive.

Providing the same function and control of the standard InformaCast IP devices, the IPZ 1/2 interfaces to conventional high impedance amplification systems at line level, thus allowing IP control and messages to be broadcast over mass / multiple loudspeaker networks.

Ideal for warehouse, large zone, site wide distribution applications.

Features:

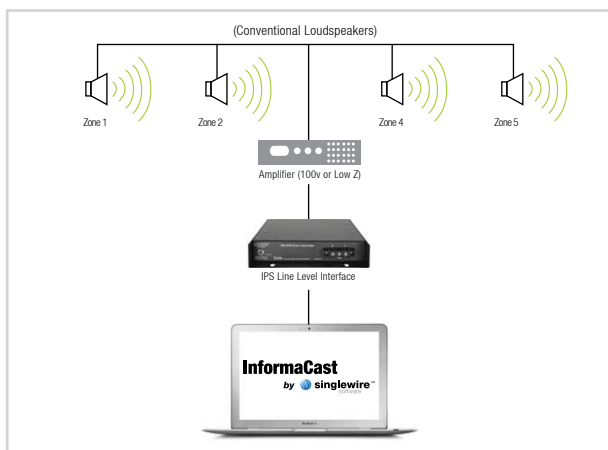
- Use with InformaCast software, Cisco POE networks & Cisco IP Telephones to create extremely versatile paging and messaging systems
- Balanced line output to drive Atlas CP, Pa or AA series amplifiers
- Modular 1RU design allows for easy rack mounting and cable access
- Systems available with single (IPS-ZC1) or dual module (IPS-ZC2) configurations



IPS-ZC1



IPS-ZC2



Specifications:

Parameter:	Specification	Conditions / Comments
Analog Output	Transformer balanced	3-Pole Terminal Block
Output Trim Range (Software Controlled)	+16 to -30 (Plus Mute)	½dB steps, gain above unity is digital, attenuation below unity is analog
Impedance	600Ω	Each leg to ground
Maximum Level	+23 (+24 Unloaded) dBu @ 1kHz, 2kΩ load	
Frequency Response	20Hz to 20kHz ± 1dB	
Dynamic Range	105dB min	A-Weighted
IM Distortion (SMPTE)	<0.01 0.01% 60Hz/7kHz, 4:1, +4dBu	
Crosstalk	100dB typ. 1kHz bandpass	
Audio Convertors	24 bit	
Audio Processing	24 bit and higher	
Propagation Delay	1.58ms min	
Ethernet	10Base-T	10 Mb/sec, RJ-45 connector
Max Cable Length	328ft / 100 meters	Standard Ethernet Cat 5 Cable Length Limits
Power Requirements	12 ~ 18v DC	Cisco IEEE 802.3AF compliant POE switches or local 12 ~ 18VDC PSU
Max Current Draw	800mA	
Construction	18 gauge CRS	
Size	483(W) x 44(H) x 209(D) mm	1RU High with one or two modules installed
Weight	1.7kg	

InformaCast

by  **singlewire**SM
software

InformaCast IP: Broadcasting & Loudspeaker Systems

Easily connect loudspeaker systems to existing computer networks with IP Speakers. Atlas Sound IP Speakers are a Power-over-Ethernet (PoE) loudspeaker range which require only a RJ-45 connector to connect to existing data networks.

The perfect choice for education, military/government, and large scale corporate applications, InformaCast IP Broadcasting Solution revolutionises communication, clock/bell and message playback functionality.

It provides the capability to simultaneously send a multicast audio stream and text messages to any combination of Cisco IP phones, Atlas Sound IP Speakers and PCs.

With the push of a single button on the phone or a single click from a PC, a user can send a live, recorded, or scheduled broadcast to one or more paging groups.

With InformaCast-compliant loudspeaker products from Atlas Sound, system designers and integrators will have the ability to deploy extremely large scale and complex paging systems over new or existing Cisco networks with the convenience of centralized administration by IT personnel.

Features of Atlas Sound IP Loudspeakers:

- Line out and amplified out
- Multicast support
- Minimal delay
- Easy to install - built-in test tones allow quick check of installation
- Can work with traditional high voltage wiring
- Available in several different configurations
- Inter-operates with Cisco VoIP networks and phones and with Singlewire InformaCast Broadcasting application
- Web (HTTP) interface for status and control
- Software can be automatically upgraded for future needs

Options:

- A wireless network connection (802.11)
- PoE and non-PoE
- Synchronized clock display
- Several different speaker configurations:
 - Horns
 - Weatherproof
 - Ceiling Panels
 - Wall Panels
 - Vandal proof

