#### **FRONT**



#### **BACK**



#### 1 Adds voice reinforcement to ezRoom

Works with 940TM and 950H infrared microphones to boost comprehension, student performance, and teacher energy and vocal health.

#### 2 Power switch

#### 3 Two channels for more dynamic teaching

Encourage student participation with a pass-around mic; or amplify two teachers at the same time.

#### 4 Microphone indicator lights

Offer clear, visual confirmation of signal reception.

#### 5 Power on, ready light

#### 6 External sensor ports

Get great signal pickup in almost any classroom with convenient ceiling or wall sensors.

## 7 Audio out jack

High quality 1/4in jack for connection to practically any standard amplifier.

#### 8 Mic/line switch

Match your amplifier's level requirements instantly.

#### 9 DC input







#### **SPECIFICATIONS**

(See Product Specifications for Classroom Amplification Systems for details on microphones, sensors, speakers, and other components)

Transmission type: Infrared

Receiving frequency: 2.3MHz & 2.8MHz Frequency response: 50Hz to 10kHz Signal to Noise: > 65dB (system)

**THD:** < 1% @ 1kHz

Power Supply: 12V @ 500mA

**Size (wxhxd):** 14 x 4 x 19.25cm/5.5 x 1.62 x 7.75in

Weight: 766g/1.7lbs.

Mic level out: 0V to 100mVrms at maximum volume

& maximum deviation (typical)

Line level out: 0V to 1Vrms at maximum volume & maximum deviation (typical)

#### **USER CONTROLS**

- Power
- Microphone A volume
- Microphone B volume
- Output level

#### INPUTS/OUTPUTS

- Input power jack
- 3 RCA jacks for external sensor connection
- 1/4in audio out jack

# **SELECTED 5201R ACCESSORIES**

(See Product Specifications for Classroom Amplification Systems for more information)



receiver power supply



adapter cable



R.J45-R.J45 adapter



UTP Cat 5e cable ceiling sensor





940TM teacher microphone



950H student microphone

# **Product Specifications**

integrated classroom systems

# Which system fits your needs?

Efficient network paging & control  IP Paging, Belk, & Controls  Networkable Intercon Paging	fits your needs?	Conductor	ezkoom
Networkable   Yes   Yes   Yes   Yes   Paging   Yes   Yes   Yes   Yes   Paging   Yes   Ye		Efficient network paging & control	
Networkable   Yes   Yes   Yes   Yes   Paging   Yes   Yes   Yes   Yes   Paging   Yes   Ye			CONTROL OF THE PARTY OF THE PAR
Intercom	IP Paging, Bells, & Controls		
Paging   Yes   Yes (as andpoint)	Networkable	Yes	Yes
Page Override Bells/Alerts Yes Ves (as endpoint) Coordinated Emergency Actions Yes No Scheduled Actions Yes Yes Remote Update Yes Yes Customizable via Software Yes Yes Integrated AV Control & Management Asset Management Software Yes Yes Network/Serial/RID Device Control Yes Yes Ves Video Inputs N/A 2-3 Client System Control Software N/A Yes Installed Amplification Teacher Voice Priority Feature N/A Yes Audio Inputs Multiple 3-6 installer-accessible) Rack Mountable Yes (server) N/A Audio Output (PFM/Podcasting) N/A 1 Integrated Speaker Line Array Available Available Features Number of Systems per School 1 (250 endpoints) Unlimited Touch-Screen Interface Yes Yes SmartCharge Fail Safe Battery System N/A Yes Simultaneous Mic Channels N/A 2 Microphone Channel School A 2 Keternal Sensor Inputs N/A 2 Microphone Channel Choices N/A 2 External Sensor Inputs N/A 2 Transmission Technology IP (stresming) Infrared (microphonee) Platform Digital	Intercom	Yes	Yes
Bells/Alerts Yes (as endpoint) Coordinated Emergency Actions Scheduled Actions Yes Yes Remote Update Yes Yes Yes  Customizable via Software Yes Yes  Integrated AV Control & Management Asset Management Software Video Inputs N/A  Client System Control Yes Video Inputs Audio Integrated Speaker Line Array Available Available  Features  Number of Systems per School 1 (250 endpoints) Unlimited Available Lead Free/RoHS-Compliance Yes Available Lead Free/RoHS-Compliance Yes SmartCharge Fall Safe Battery System N/A Yes Simultaneous Mic Channels N/A External Sensor Inputs N/A Pes Arransmission Technology IP (streaming) Infrared (microphones) Platform Digital	Paging	Yes	<b>Yes</b> (as endpoint)
Coordinated Emergency Actions Scheduled Actions Remote Update Remote Update Ves Customizable via Software Ves Ves  Integrated AV Control & Management Asset Management Software Network/Serial/IR Device Control Ves Ves Ves  Network/Serial/IR Device Control Ves Ves Ves  Video Inputs N/A 2-3 Client System Control Software N/A Ves  Installed Amplification Teacher Voice Priority Feature Audio Inputs Multiple 3-6 (installer-accessible) 2-3 (user-accessible) N/A 1 (user-accessible) Rack Mountable Ves (server) N/A 1 (user-accessible) N/A 1 (user-accessible) N/A 1 (user-accessible) 1 (250 endpoints) Number of Systems per School	Page Override	<b>Yes</b> (IP only)	Yes
Scheduled Actions Remote Update Remote Update Yes Yes Yes Yes Customizable via Software Yes Yes Yes Yes Sintegrated AV Control & Management Software Yes Yes Yes Yes Network/Serial/IR Device Control Yes Yes Yes Yes Video Inputs N/A 2-3 Client System Control Software N/A Yes Yes Sintegrated Applification Teacher Voice Priority Feature N/A Yes Audio Inputs Audio Inputs Multiple 3-6 (installer-accessible) Rack Mountable Yes (server) N/A 1 (installer-accessible) N/A 1 (integrated Speaker Line Array Available Available Available Available Touch-Screen Interface Yes Available Yes Simultaneous Mic Channels N/A Yes Simultaneous Mic Channels N/A Yes Available Available Teacher Simultaneous Mic Channels N/A Yes Yes Simultaneous Mic Channels N/A 2 (installer-accessible) N/A 2 (installer-accessible) N/A 2 (installer-accessible) N/A 3 (installer-accessible) N/A 4 (installer-accessible) N	Bells/Alerts	Yes	<b>Yes</b> (as endpoint)
Remote Update Customizable via Software Ves Ves  Integrated AV Control & Management  Asset Management Software Ves  Network/Serial/IR Device Control Ves Video Inputs Video Inputs Video Inputs Video Inputs Video Inputs N/A Client System Control Software N/A Ves  Installed Amplification Teacher Voice Priority Feature Audio Inputs Audio Inputs Audio Inputs Audio Output (PFM/Podcasting) N/A Audio Output (PFM/Podcasting) N/A Audio Output (PFM/Podcasting) N/A Audio Speaker Line Array Available Available Feature  Number of Systems per School Lead Free/RoHS Compliance Ves SmartCharge Fail Safe Battery System N/A Simultaneous Mic Channels N/A External Sensor Inputs N/A Pes Transmission Technology IP (streaming) Infrared (microphones) Infrared (microphones) Infrared (microphones) Infrared (microphones) Infrared (microphones)	Coordinated Emergency Actions	Yes	No
Customizable via Software   Yes   Yes	Scheduled Actions	Yes	Yes
Integrated AV Control & Management   Yes   Yes   Yes     Network/Serial/IR Device Control   Yes   Yes     Network/Serial/IR Device Control   Yes   Yes     Video Inputs   N/A   2-3     Client System Control Software   N/A   Yes     Installed Amplification     Teacher Voice Priority Feature   N/A   Yes     Audio Inputs   Multiple   3-6 (installer-accessible)     Audio Output (PFM/Podcasting)   N/A   1     Integrated Speaker Line Array   Available   Available     Features     Number of Systems per School   1 (250 endpoints)   Unlimited     Touch-Screen Interface   Yes   Available     Lead Free/RoHS Compliance   Yes   Yes     SmartCharge Fail Safe Battery System   N/A   Yes     Simultaneous Mic Channels   N/A   2     Microphone Channel Choices   N/A   2     External Sensor Inputs   N/A   2     Coptional Student Microphone   N/A   Yes     Transmission Technology   IP (streaming)   Infrared (microphones)     Platform   Digital   Digital	Remote Update	Yes	Yes
Asset Management Software Network/Serial/IR Device Control Yes Yes Yes Video Inputs N/A 2-3 Client System Control Software N/A Yes  Installed Amplification Teacher Voice Priority Feature Audio Inputs Multiple 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 3-6 (installer-accessible) 3-6 (installer-accessible) 3-7 (user-accessible) 3-8 (user-accessible) 3-9 (user-accessible)	Customizable via Software	Yes	Yes
Network/Serial/IR Device Control Video Inputs Video Inputs Video Inputs N/A 2-3  Client System Control Software N/A Ves  Installed Amplification Teacher Voice Priority Feature N/A Audio Inputs Multiple 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 2-3 (user-accessible) 3-6 (installer-accessible) 3-7 (user-accessible) 3-8 (server) N/A Audio Output (PFM/Podcasting) N/A Integrated Speaker Line Array Available Available  Features Number of Systems per School 1 (250 endpoints) Unlimited Touch-Screen Interface Yes Available Lead Free/RoHS Compliance Yes SmartCharge Fail Safe Battery System N/A Yes Simultaneous Mic Channels N/A 2 Microphone Channel Choices N/A 2 External Sensor Inputs N/A 2 Optional Student Microphone N/A Ves Transmission Technology IP (streaming) Infrared (microphones)	Integrated AV Control & Management		
Video Inputs     N/A     2-3       Client System Control Software     N/A     Yes       Installed Amplification       Teacher Voice Priority Feature     N/A     Yes       Audio Inputs     Multiple     3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 2-3 (user-accessible)       Rack Mountable     Yes (server)     N/A       Audio Output (PFM/Podcasting)     N/A     1       Integrated Speaker Line Array     Available     Available       Features       Number of Systems per School     1 (250 endpoints)     Unlimited       Touch-Screen Interface     Yes     Available       Lead Free/RoHS Compliance     Yes     Available       Lead Free/RoHS Compliance     Yes     Yes       SmartCharge Fail Safe Battery System     N/A     Yes       Simultaneous Mic Channels     N/A     2       Microphone Channel Choices     N/A     2       External Sensor Inputs     N/A     2       External Sensor Inputs     N/A     Yes       Transmission Technology     IP (streaming)     Infrared (microphones)       Platform     Digital     Digital	Asset Management Software	Yes	Yes
Client System Control Software   N/A   Yes	Network/Serial/IR Device Control	Yes	Yes
Installed Amplification   Teacher Voice Priority Feature   N/A   Yes	Video Inputs	N/A	2-3
Teacher Voice Priority Feature  Audio Inputs  Multiple  Audio Inputs  Multiple  Pes (server)  N/A  Audio Output (PFM/Podcasting)  N/A  Integrated Speaker Line Array  Available  Features  Number of Systems per School  Touch-Screen Interface  Lead Free/RoHS Compliance  Yes  SmartCharge Fail Sea Battery System  N/A  Microphone Channel Choices  N/A  External Sensor Inputs  Optional Student Microphone  N/A  Platform  Platform  Digital  Nultiple  3-6 (installer-accessible) 2-3 (user-accessible) 2-4 (user-accessible) 2-5 (user-accessible) 2-6 (user-accessible) 2-6 (user-accessible) 2-7 (user-accessible) 2-8 (user-accessible) 2-8 (user-accessible) 2-9 (user-ac	Client System Control Software	N/A	Yes
Audio Inputs Multiple 3-6 (installer-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 2-3 (user-accessible) 2-3 (user-accessible) N/A  Audio Output (PFM/Podcasting) N/A 1  Integrated Speaker Line Array Available Available  Features  Number of Systems per School 1 (250 endpoints) Unlimited  Touch-Screen Interface Yes Available  Lead Free/RoHS Compliance Yes Yes  SmartCharge Fail Safe Battery System N/A Yes  Simultaneous Mic Channels N/A 2  Microphone Channel Choices N/A 2  External Sensor Inputs N/A 2  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	Installed Amplification		
Rack Mountable Yes (server) N/A  Audio Output (PFM/Podcasting) N/A 1  Integrated Speaker Line Array Available Available  Features  Number of Systems per School 1 (250 endpoints) Unlimited  Touch-Screen Interface Yes Available  Lead Free/RoHS Compliance Yes Yes  SmartCharge Fail Safe Battery System N/A Yes  Simultaneous Mic Channels N/A 2  Microphone Channel Choices N/A 2  External Sensor Inputs N/A Yes  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital	Teacher Voice Priority Feature	N/A	Yes
Audio Output (PFM/Podcasting)     N/A     1       Integrated Speaker Line Array     Available     Available       Features       Number of Systems per School     1 (250 endpoints)     Unlimited       Touch-Screen Interface     Yes     Available       Lead Free/RoHS Compliance     Yes     Yes       SmartCharge Fail Safe Battery System     N/A     Yes       Simultaneous Mic Channels     N/A     2       Microphone Channel Choices     N/A     2       External Sensor Inputs     N/A     2       Optional Student Microphone     N/A     Yes       Transmission Technology     IP (streaming)     Infrared (microphones)       Platform     Digital     Digital	Audio Inputs	Multiple	
Integrated Speaker Line Array   Available   Available	Rack Mountable	Yes (server)	N/A
Features    Number of Systems per School   1 (250 endpoints)   Unlimited	Audio Output (PFM/Podcasting)	N/A	1
Number of Systems per School1 (250 endpoints)UnlimitedTouch-Screen InterfaceYesAvailableLead Free/RoHS ComplianceYesYesSmartCharge Fail Safe Battery SystemN/AYesSimultaneous Mic ChannelsN/A2Microphone Channel ChoicesN/A2External Sensor InputsN/A2Optional Student MicrophoneN/AYesTransmission TechnologyIP (streaming)Infrared (microphones)PlatformDigitalDigital	Integrated Speaker Line Array	Available	Available
Touch-Screen Interface Yes Available  Lead Free/RoHS Compliance Yes Yes  SmartCharge Fail Safe Battery System N/A Yes  Simultaneous Mic Channels N/A 2  Microphone Channel Choices N/A 2  External Sensor Inputs N/A 2  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital	Features		
Lead Free/RoHS ComplianceYesYesSmartCharge Fail Safe Battery SystemN/AYesSimultaneous Mic ChannelsN/A2Microphone Channel ChoicesN/A2External Sensor InputsN/A2Optional Student MicrophoneN/AYesTransmission TechnologyIP (streaming)Infrared (microphones)PlatformDigitalDigital	Number of Systems per School	1 (250 endpoints)	Unlimited
SmartCharge Fail Safe Battery System N/A Yes  Simultaneous Mic Channels N/A 2  Microphone Channel Choices N/A 2  External Sensor Inputs N/A 2  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	Touch-Screen Interface	Yes	Available
Simultaneous Mic Channels N/A 2  Microphone Channel Choices N/A 2  External Sensor Inputs N/A 2  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	Lead Free/RoHS Compliance	Yes	Yes
Microphone Channel Choices N/A 2  External Sensor Inputs N/A 2  Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	SmartCharge Fail Safe Battery System	N/A	Yes
External Sensor Inputs N/A 2 Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones) Platform Digital Digital	Simultaneous Mic Channels	N/A	2
Optional Student Microphone N/A Yes  Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	Microphone Channel Choices	N/A	2
Transmission Technology IP (streaming) Infrared (microphones)  Platform Digital Digital	External Sensor Inputs	N/A	2
Platform Digital Digital	Optional Student Microphone	N/A	Yes
· · · · · · · · · · · · · · · · · · ·	Transmission Technology	IP (streaming)	Infrared (microphones)
Warranty 3 Years 3-5 Years	Platform	Digital	Digital
	Warranty	3 Years	3-5 Years



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