



## Why Choose AND IP Clocks?

*In short...* We have the best, most capable IP Clocks

		AND	Competition
Time	Atomic time thru NTP	Y	Y
	Never set the time again, even for daylight savings	Y	most
	Configurable clock chimes	Y*	-
	Multiple NTP server support	Y	-
	Included date display	Y	very few
	Configurable clock fonts (large, bold, 2-line, with date, etc.)	Y	-
	Display time with seconds	Y	Y
	Configurable 4 or 6 digit display	Y	some
Connection	Connect to a network switch, no other equipment required	Y	some
	Powered over Ethernet (PoE), no power cord required	Y	some
	PoE+ for extra power	Y	-
	3 <sup>rd</sup> party VoIP software supported	Informacast, SA-Announce, Bell Commander, IPCelerate, MessageNet, Asterisk, 3CX, and many SIP platforms, Clockwise	
Audio	Built-in accessible web server (for status, control, and settings)	Y	very few
	Built-in Microphone	Y	-
	Built-in speaker	Y	very few
	Paging, alerts, and voice messaging	Y	-
	Talkback / Intercom / 2-way	Y	-
	Embedded SIP phone (make or take calls on a VoIP phone system)	Y	-
	Built-in configurable sound masking	Y	-
	Voice amplification support	Y	-
	Background audio/music	Y*	-
	Audio quality	8kHz uLaw, 8kHz, 16kHz, 32kHz, 22.05kHz, 44.1 kHz	-
	Available sound library for clock chimes, horns, alerts, beeps, etc.	Y	-
Display	Multi-color display (for distinguishing message types and clock)	Y	-
	Scrolling text for messages, alerts, RSS, Twitter, and news/weather/stock feeds	Y*	-
	Configurable brightness for night or very low power use	Y	-
	Graphics support (pixel maps, icons, logos, etc.)	Y*	-
	Configurable text fonts	Y	-
	Built in Timer, configurable 4-digit or 6 digit (up to 100 <sup>th</sup> sec resolution), with configurable sounds/text at the end or periodic. Count down or up.	Y*	-
	Scoreboard with configurable horns, increments, colors, team names, and 4 or 6 digit up or down timer	Y*	-
	1, 2 or 3 line modes for clock, timer, scoreboard and text	Y	-
Peripherals	3 Built-in configurable notification/alert flashers status indicators	Y	-
	GPIO support (for call buttons, door sensors, other sensors, etc.)	Y	-
	Drive a 2 <sup>nd</sup> slave speaker	Y	-
	External strobe support for high priority alerts	Y	-
	Built-in light sensor	Y	-
	Call button support (for initiating a phone call, or talk to another device)	Y	-
Wow!	Built-in temperature sensor (and ability to connect external probe)	Y	-
	Included chime/bell/alert scheduling software and site/device debugger	Clockwise	-
	Designed, manufactured, and supported in USA	Y	very few

\* useable, controllable, or settable with 3<sup>rd</sup> party software or the included Clockwise software

