Arcadia R4.0 & R4.1 Configuration

Arcadia is configured using the CCM browser interface. Arcadia includes capable Essential intercom features optimized for quick to deploy intercom. Channels, Groups and IFB are created, named, and associated with I.V. Direct, Dante, 2-Wire, 4-Wire interfaces and assigned to FreeSpeak wireless beltpack, HelixNet wired partyline and V-Series IrisX keypanel role keysets as needed to enable the user. Logic control allows third party controls and event automation to activate or trigger from crosspoints and call signals.

CONFIGURATION

	Channels	Direct	Groups	IFB **NEW R4.1**	Roles	Logic
	Talker Point to Multipoint Listener	*Private Point-to-point*	*Talker Point to Multipoint with Private Response*	*Talker Interrupts Program Input to Listener*	*User Station Configuration*	*Conditional Audio & Signaling*
	Partyline allowing User Stations with assigned keys to the Channel to communicate between each other as well as their assigned interface ports.	Private audio connection from a talker input to a listener output. Configured with Role key assignments to another Role with Reply or corresponding assigned key.	Group allows User Station with assigned talk key to the Group to initiate a talk to the Group's User Station Roles and interfaces. FreeSpeak, V-Series and Arcadia Roles can respond privately to the initiator using the Reply key.	IFB consists of Talker input, interruptible Program Input and IFB Output. Role with an IFB talk key will interrupt by level dim or mute the Program input to the IFB Output while the talk key is active.	Role includes assignment of Intercom User Station keysets settings for the User Station. Role is applied to an Intercom User Station to give it the function required.	General Purpose Inputs can be assigned to activation of audio crosspoints and call signals. General Purpose Outputs activate upon key presses, audio routing, call signals. Crosspoints initiate Call Signals, GPO or other crosspoints.
Intercom Stations — FreeSpeak *Wireless Intercom* — Beltpacks and Transceivers in 1.9 GHz, 2.4 GHz & 5 GHz frequency ranges.	✓	✓	✓	✓ Essential features Talker or Listener by key activation	✓ Role can be applied to one beltpack	✓
HelixNet *Wired Networked Partyline* — Partyline Beltpacks, Remote Stations and Speaker Stations over local networks.	✓ HelixNet Enabled Channels			✓ Essential features Talker or Listener by key activation	✓ Role can be applied to many stations of same type	✓ Channel Talk Button Active Channel Call Active
V-Series IrisX NEW R4.0 *Keypanel* — Rackmount and Desktop Keypanels connected over global or local networks.	✓	✓	✓	✓ Essential features Talker or Listener by key activation	✓ Essential features Role can be applied to one keypanel	✓ System logic control through GPI 1 and GPO 1 (Aux)
CONNECTION — Interfaces — I.V. Direct *Clear-Com Intercom Interface* — Interface port with audio to LQ, Eclipse E-IPA, Arcadia over global or local networks. Include call & virtual GPIO to LQ.	✓	✓	✓	✓	✓ FreeSpeak, V-Series, Arcadia	✓
Dante *3rd Party Audio Network* — Interface port with audio to 3rd party Dante devices over local networks.	✓	✓	✓	✓	✓ FreeSpeak, V-Series, Arcadia	✓
2-Wire *Analog Partyline & Signaling* — Hardwired interface ports with optional power and termination for partyline intercom, such as Encore.	✓	✓	✓	✓ Optional Call Signal Interrupt	✓ FreeSpeak, V-Series, Arcadia	✓
4-Wire *Line Level Audio & Signaling* — Hardwired interface ports with transformer isolated audio and Clear-Com intercom signaling.	✓	✓	✓	✓ Optional Call Signal Interrupt	✓ FreeSpeak, V-Series, Arcadia	✓
GPIO *General Purpose Inputs & Outputs* — Hardwired interface ports with optically isolated inputs and relay.	✓ Routing Control			✓ Interrupt Control and State	✓ User Station control via GPI or -X7 PTT	✓

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www.clearcom.com/arcadia-knowledge-center/

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