KD-WP8

API Documentation

TCP/IP Open API

KD-WP8 open API may be used for two-way integration with professional control systems.

Notes:

- Default IP address is 192.168.1.239, with default port 23.
- Carriage Return required at end of each string.
- Commands are case-sensitive.
- x = 1 ~ 8, button number.
- After a new command is received, a response should be sent from KD-WP8.
- KDWPxPR is the most commonly used command, executing the Press & Release events from a single command.
- If Hold for Repeat or Hold for Send is selected, then KDWPxP and KDWPxR commands should be used.
- KDWPxR must be received within 5 seconds following the KD-WPxP command otherwise the KD-WPxR event is automatically executed.
- If KDWPxR is received without a preceding KDWPxP, the KDWPxR is not executed.
- For Toggle button mode, use KDWPxP or KD-WPxPR. KDWPxR will be ignored.

Command	Description	Response from KD-WP8
KWPING	Ping to KD-WP8	RWPING
KWPxP	Button x Press	RWPxP
KWPxR	Button x Release	RWPxR
KWPxPR	Button x Press + Release Combo	RWPxPR
KWPxLR	Button x LED Red On	RWPxLR
KWPxLB	Button x LED Blue On	RWPxLB
KWPxLF	Button x LED Off	RWPxLF
RWPxH	Response from WP8 while Button x is held (Hold must be enabled)	RWPxH