

Convey

PROGRAMMER'S GUIDE

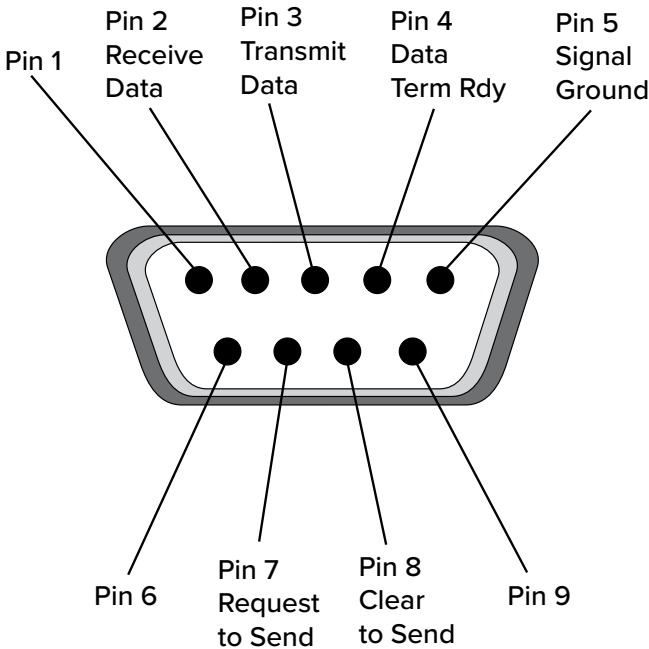


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Overview

A Convey system can be sent commands via the programmable remote control system over the RS-232 port.

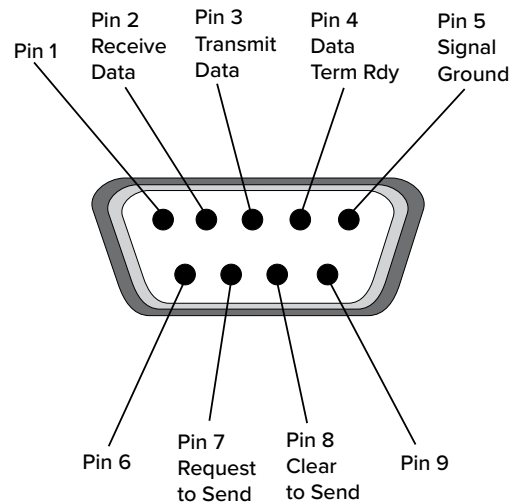
NOTE: Factory settings are 9600 baud, no parity, 1 stop bit. Data bits, which cannot be manually set, are 8 data bits.

Note: The RS-232 commands listed here are a complete list for all products, but not all features are available in every product.

Port Selection

Port 2 is the default port used for remote control. Port 1 can be selected via the main menu system under the Serial Port menu. See the full user manual for details on switching the remote control port.

RS-232 (COMM Port) Pinout



RS-232 COMM Port Pinout

Understanding Commands

All commands begin with an ASCII escape (<ESC>) code (generated using the ESC key on your keyboard), followed by the forward parenthesis " (". The initiating code then appears as follows:

<ESC>(

All other characters which follow this command require a combination of alphanumeric codes.

NOTE: Hardware handshaking is required with the RS-232 port. You will need to use a null modem cable. Some places in the manual refer to entering a carriage return. This is usually accomplished by hitting the Enter key on your keyboard.

∅ is used to designate zero in this manual.

Control Commands

Command Description	Options
All commands must start with <ESC>{	
Toggle the Main Menu	Show: SUM Hide: SUN
Echo all input	EA
Echo all except commands	EC
Disable echo	EN
Echo "OK" on command "OK <cr> <lf>"	EO
Disable echo "OK"	EZ
Automatically turn off server when idle for [selected option], The options represent minutes.	Ø min: TRATØ 5 min: TRAT1 1Ø min: TRAT2 15 min: TRAT3
Maximum lines for real time caption display	1 line: TRAMLØ 2 lines: TRAML1 3 lines: TRAML2
Speaker Text	ON: TRADØ OFF: TRAD1
Translator Text	ON: TRAXØ OFF: TRAX1
Speaker Text Position	Top: TRADPØ Bottom: TRADP1
Translator text position	Top: TRAPØ Bottom: TRAP1
Text alignment	Left: TRAAØ Center: TRAA1 Right: TRAA2

Command Description	Options
All commands must start with <ESC>{	
Text background transparency	Transparent: TRAF A0 Translucent: TRAF A1 Opaque: TRAF A3
Text background color	Black: TRAF B0 White: TRAF B1 Blue: TRAF B2
Font size	24: TRAF S0 32: TRAF S1 40: TRAF S2
Font color	white: TRAF F0 black: TRAF F1 yellow: TRAF F2
Video Source	HDMI: MH01 USB CAMERA: MH02 TEXT ONLY: MS
Stop running translate server	TRAS0
Start running translate server	TRAS1
Speaker language	check input language list Example: TRAL## (## = 01 = LANG_CS_CZ))
Translator language	check output language list Example: TRALO## (## = 01 = LANG_CS_CZ))
Reset	RS
Toggle Video File Capture	VIRT
Calibrate Touch Screen	CDT
Update via USB	SUPU

Language Selection Table

All of the languages below can be used for input language, but may not be available for an output language. Please check the device's list of Translator Languages to make sure the language you desire is available for translation. New languages may be available in the latest version of firmware.

Language	Speaker Options	Translation Options
Arabic (Israel)	LANG_AR_IL = 56	
Arabic (Jordan)	LANG_AR_JO = 57	
Arabic (United Arab Emirates)	LANG_AR_AE = 58	
Arabic (Bahrain)	LANG_AR_BH = 59	
Arabic (Algeria)	LANG_AR_DZ = 60	
Arabic (Saudi Arabia)	LANG_AR_SA = 61	XLATE_AR_XA = 0
Arabic (Iraq)	LANG_AR_IQ = 62	
Arabic (Kuwait)	LANG_AR_KW = 63	
Arabic (Morocco)	LANG_AR_MA = 64	
Arabic (Tunisia)	LANG_AR_TN = 65	
Arabic (Oman)	LANG_AR_OM = 66	
Arabic (State of Palestine)	LANG_AR_PS = 67	
Arabic (Qatar)	LANG_AR_QA = 68	
Arabic (Lebanon)	LANG_AR_LB = 69	
Arabic (Egypt)	LANG_AR_EG = 70	
Chinese, Mandarin (Simplified, China)	LANG_ZH = 74	XLATE_CMN_CN = 15
Czech (Czech Republic)	LANG_CS_CZ = 1	XLATE_CS_CZ = 1
Danish (Denmark)	LANG_DA_DK = 2	XLATE_DA_DK = 2
Dutch (Netherlands)	LANG_NL_NL = 26	XLATE_NL_NL = 30
English (Australia)	LANG_EN_AU = 4	
English (Canada)	LANG_EN_CA = 5	
English (Ghana)	LANG_EN_GH = 6	
English (United Kingdom)	LANG_EN_GB = 7	
English (India)	LANG_EN_IN = 8	
English (Ireland)	LANG_EN_IE = 9	
English (Kenya)	LANG_EN_KE = 10	
English (New Zealand)	LANG_EN_NZ = 11	
English (Nigeria)	LANG_EN_NG = 12	
English (Philippines)	LANG_EN_PH = 13	
English (Singapore)	LANG_EN_SG = 14	
English (South Africa)	LANG_EN_ZA = 15	
English (Tanzania)	LANG_EN_TZ = 16	
English (United States)	LANG_EN_US = 17	XLATE_EN_US = 4
Filipino (Philippines)	LANG_FIL_PH = 38	XLATE_FIL_PH = 5
Finnish (Finland)	LANG_FI_FI = 49	XLATE_FI_FI = 6
French (Canada)	LANG_FR_CA = 39	

Language	Speaker Options	Translation Options
French (France)	LANG_FR_FR = 40	XLATE_FR_FR = 7
German (Germany)	LANG_DE_DE = 3	XLATE_DE_DE = 3
Greek (Greece)	LANG_EL_GR = 53	XLATE_EL_GR = 8
Hindi (India)	LANG_HI_IN = 71	XLATE_HI_IN = 9
Hungarian (Hungary)	LANG_HU_HU = 42	XLATE_HU_HU = 10
Indonesian (Indonesia)	LANG_ID_ID = 0	XLATE_ID_ID = 11
Italian (Italy)	LANG_IT_IT = 41	XLATE_IT_IT = 12
Japanese (Japan)	LANG_JA_JP = 73	XLATE_JA_JP = 13
Korean (South Korea)	LANG_KO_KR = 72	XLATE_KO_KR = 14
Norwegian Bokmål (Norway)	LANG_NB_NO = 44	XLATE_NB_NO = 16
Polish (Poland)	LANG_PL_PL = 45	XLATE_PL_PL = 17
Portuguese (Brazil)	LANG_PT_BR = 46	
Portuguese (Portugal)	LANG_PT_PT = 47	XLATE_PT_PT = 18
Russian (Russia)	LANG_RU_RU = 54	XLATE_RU_RU = 19
Spanish (Argentina)	LANG_ES_AR = 18	
Spanish (Bolivia)	LANG_ES_BO = 19	
Spanish (Chile)	LANG_ES_CL = 20	
Spanish (Colombia)	LANG_ES_CO = 21	
Spanish (Costa Rica)	LANG_ES_CR = 22	
Spanish (Ecuador)	LANG_ES_EC = 23	
Spanish (El Salvador)	LANG_ES_SV = 24	
Spanish (Spain)	LANG_ES_ES = 25	XLATE_ES_ES = 21
Spanish (United States)	LANG_ES_US = 26	
Spanish (Guatemala)	LANG_ES_GT = 27	
Spanish (Honduras)	LANG_ES_HN = 28	
Spanish (Mexico)	LANG_ES_MX = 29	
Spanish (Nicaragua)	LANG_ES_NI = 30	
Spanish (Panama)	LANG_ES_PA = 31	
Spanish (Paraguay)	LANG_ES_PY = 32	
Spanish (Peru)	LANG_ES_PE = 33	
Spanish (Puerto Rico)	LANG_ES_PR = 34	
Spanish (Dominican Republic)	LANG_ES_DO = 35	
Spanish (Uruguay)	LANG_ES_UY = 36	
Spanish (Venezuela)	LANG_ES_VE = 37	
Slovak (Slovakia)	LANG_SK_SK = 48	XLATE_SK_SK = 19
Swedish (Sweden)	LANG_SV_SE = 50	XLATE_SV_SE = 22
Turkish (Turkey)	LANG_TR_TR = 52	XLATE_TR_TR = 23
Ukrainian (Ukraine)	LANG_UK_UA = 55	XLATE_UK_UA = 24
Vietnamese (Vietnam)	LANG_VI_VN = 51	XLATE_VI_VN = 25

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