List of RS232 commands
Application note

Gekkota DMB300, DMC200

1 Table des matières

1 Introduction

The goal of this document is list all the RS232 command supported in Gekkota

2 Prerequisite

- Gekkota 3.12.33
- DMB300 (ou DMC200)
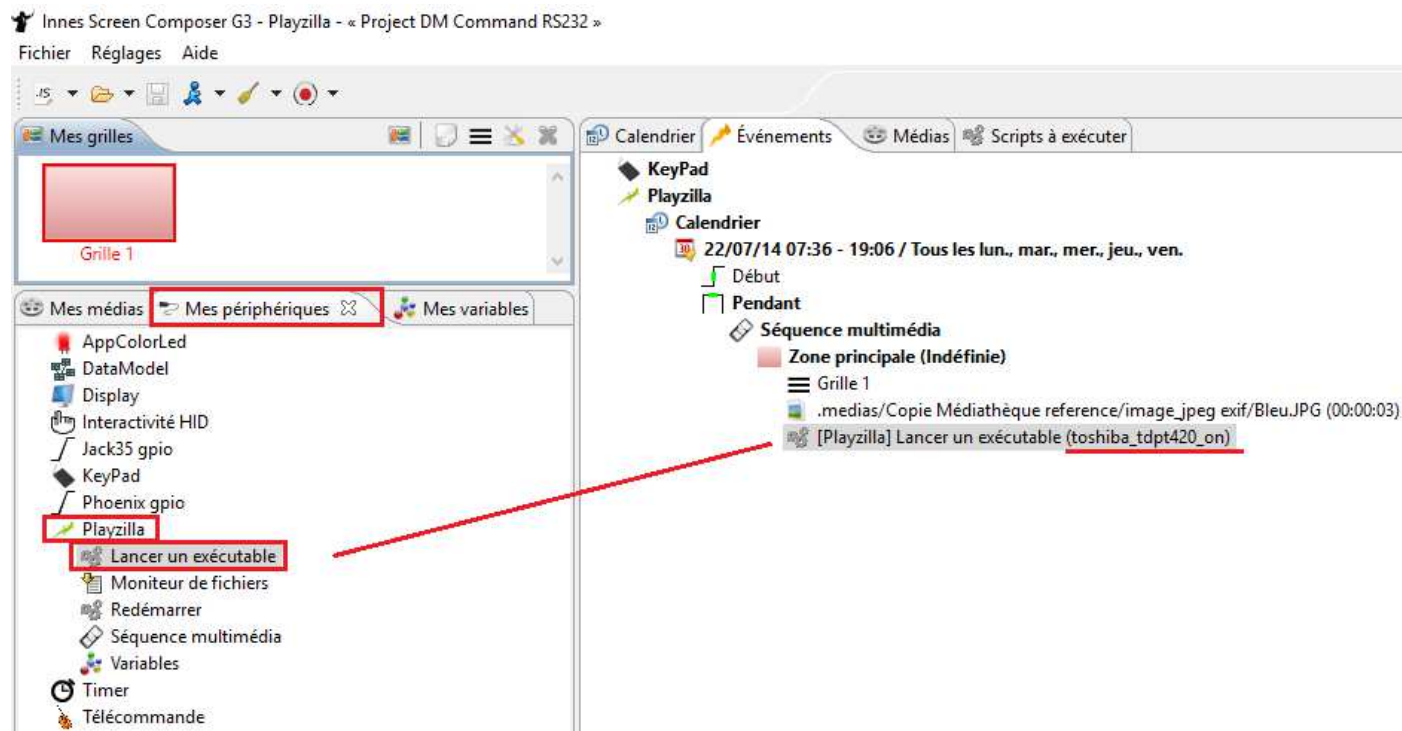- Player linked to TV set by a RS232 cable (RS232 DTE connector)

3   List of RS232 Commands

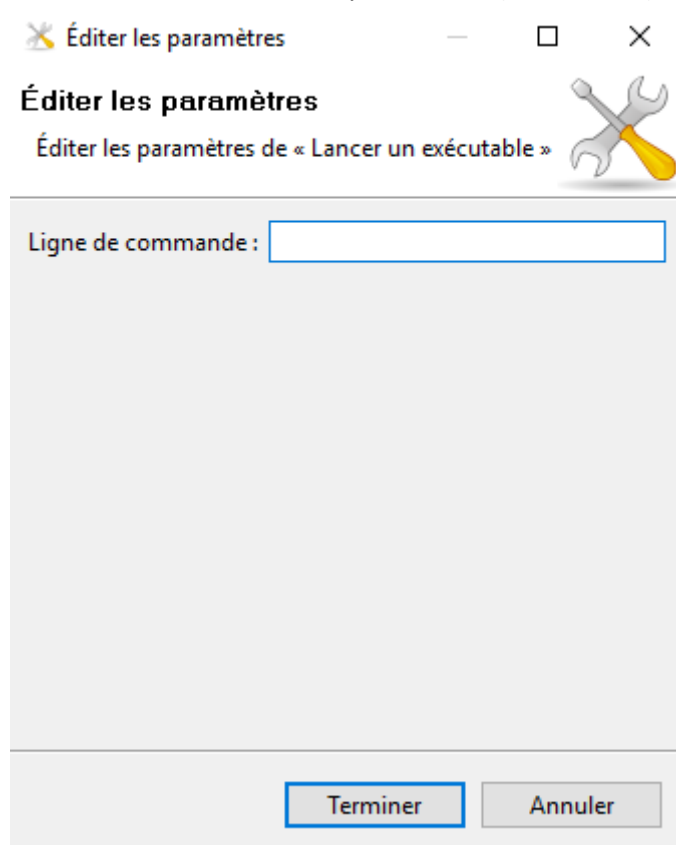| Trade mark	Command type for TV Set model	Command name
EIKI	on/off and quick power off for EIKI (type: XB42):	eiki_xb42_on, eiki_xb42_off_c01, eiki_xb42_off_c02
EXTRON	select HDMI input source for EXTRON	extron_m1_input, extron_m2_input, extron_m3_input, extron_m4_input
HITACHI	- on/off/select HDMI/select DVI-D for HITACHI (type CP-X10000/CP-WX11000/CP-SX12000	hitachi_m1_on, hitachi_m1_off, hitachi_m1_hdmi, hitachi_m1_dvi-d
LGE	on/off for LGE (type 19LU40/50, 22LU40/50, 26LU50, 19/22/26/32/37/42LH20, 32/37/42/47LH30/40/50/70, 32/37/42LF25, 32/37/42/47LH49, 32/37/42LG21, 50/60PS70/80, 19/22/26/32LD3xxx, 32/37/42/47LD4xxx, 32/42/46/52/60LD5xxx, 19/22/26LE3xxx, 32/37/42/47/55LE5xxx):	lge_m1_on,lge_m1_off
MITSUBISHI	on/off for MITSUBISHI (type: XL6600U/XL6500U/XL6600LU/XL6500LU):	mitsubishi_xl6x00_on, mitsubishi_xl6x00_off
NEC	on/off and select input source for NEC (type V321, V461, LCD4215(R))	nec_m1_on nec_m1_off, nec_m1_vga, nec_m1_rgb_hv, nec_m1_dvi, nec_m1_hdmi1, nec_m1_hdmi2, nec_m1_video1, nec_m1_video2, nec_m1_svideo, nec_m1_dvd_hd1, nec_m1_dvd_hd2
NEC	on/off for NEC (type: NP3150):	nec_np3150_on,nec_np3150_off
NUDAM MODULE	on/off and select digital output for nudam module (type 6050/6052/6053/6054/6056/6058/6060/6063 whose module address is 0x2):	nudam_m2_relay_1_on, nudam_m2_relay_1_off, nudam_m2_relay_2_on, nudam_m2_relay_2_off, nudam_m2_relay_3_on, nudam_m2_relay_3_off, nudam_m2_relay_4_on, nudam_m2_relay_4_off, nudam_m2_relay_all_00, nudam_m2_relay_all_01, nudam_m2_relay_all_02, nudam_m2_relay_all_03, nudam_m2_relay_all_04, nudam_m2_relay_all_05, nudam_m2_relay_all_06, nudam_m2_relay_all_07, nudam_m2_relay_all_08, nudam_m2_relay_all_09, nudam_m2_relay_all_0a, nudam_m2_relay_all_0b, nudam_m2_relay_all_0c, nudam_m2_relay_all_0d, nudam_m2_relay_all_0e, nudam_m2_relay_all_0f:
OPTOMA	- on/off and select input source for Optoma (type: EW762):	optoma_m1_on, optoma_m1_off, optoma_m1_hdmi, optoma_m1_vga1, optoma_m1_vga2, optoma_m1_vga1_component, optoma_m1_svideo, optoma_m1_video, optoma_m1_vga2_scart, optoma_m1_vga2_component
PANASONIC	on/off and select input source for PANASONIC (type PT-EX16KE	panasonic_m2_on, panasonic_m2_off, panasonic_m2_vid, panasonic_m2_svd, panasonic_m2_rg1, panasonic_m2_rg2, panasonic_m2_dvi, panasonic_m2_hd1, panasonic_m2_sct, panasonic_m2_au1_sd1, panasonic_m2_au1_sd2, panasonic_m2_au2_sd1, panasonic_m2_au2_sd2
PANASONIC	on/off and select input source for PANASONIC (type TH50PH11E):	panasonic_m1_on, panasonic_m1_off, panasonic_m1_slot1, panasonic_m1_slot2, panasonic_m1_slot3, panasonic_m1_

		pc1, panasonic_m1_slot1a, panasonic_m1_slot1b, panasonic_m1_slot2a, panasonic_m1_slot2b
PHILIPS	on/off and select input source for PHILIPS (supporting PHILIPS DICP protocol with id=1):	philips_m2_on, philips_m2_off, philips_m2_hdmi1, philips_m2_hdmi2, philips_m2_vga, philips_m2_dvi
PHILIPS	on/off/standby and select HDMI input source for PHILIPS (supporting PHILIPS DICP protocol):	philips_m1_standby,philips_m1_on,philips_m1_off,philips_m1_hdmi
PROTOCOL 2000	protocol 2000: switch in1 to out3, in2 to out3, in3 to out3 and in3 to out2:	proto2000_video1to3, proto2000_video2to3, proto2000_video3to3, proto2000_video3to2
TOSHIBA	on/off for TOSHIBA (type: TDP-T420 series):	toshiba_tdpt420_on,toshiba_tdpt420_off
TOSHIBA	- on/off for TOSHIBA (ref type AV/RV625D	toshiba_m1_on, toshiba_m1_off
SANYO	- on/off/select HDMI for SANYO (ref PLC-WXU700):	sanyo_m1_on, sanyo_m1_off, sanyo_m1_hdmi
SAMSUNG	on/off and select DVI/DTV/VGA/HDMI input source for SAMSUNG SyncMaster (type 400CXn-2, 460CXn-2, 400DXn-2, 460DXn-2, 700DXn-2, 820DXn-2, 400UXn-2, 460UXn-2):	samsung_m1_on, samsung_m1_off, samsung_m1_dvi, samsung_m1_dtv, samsung_m1_pc, samsung_m1_hdmi
SONY BRAVIA	on/off/standby and select input source for SONY BRAVIA:	sony_m1_on, sony_m1_off, sony_m1_standby_on, sony_m1_standby_off, sony_m1_tv, sony_m1_video1, sony_m1_video2, sony_m1_video3, sony_m1_component1, sony_m1_component2, sony_m1_component3, sony_m1_hdmi1, sony_m1_hdmi2, sony_m1_hdmi3, sony_m1_hdmi4, sony_m1_hdmi5
SHARP	- on/off and select input source for SHARP (type: LC-40LE924E, LC-40LE924RU, LC-40LE824E, LC-40LE824RU, LC-40LU824E, LC-40LU824RU, LC-46LE824E, LC-46LE824RU, LC-46LU824E, LC-46LU824RU, LC-40LE814E, LC-40LE814RU, LC-46LE814E, LC-46LE814RU, LC-40LX814E, LC-46LX814E):	sharp_m1_off, sharp_m1_on, sharp_m1_tv, sharp_m1_dtv, sharp_m1_ext1, sharp_m1_ext2, sharp_m1_ext3, sharp_m1_hdmi1, sharp_m1_hdmi2, sharp_m1_hdmi3, sharp_m1_hdmi4

4   How to use an RS232 command

- Open Screen Composer G3
- Enter in menu "**Mes périphériques**" / "**Playzilla**"

- Drag n drop "**Lancer un executable**" in a multimedia sequence
- In text area, copy paste one of the command name of your TV Set (table above)

- Adjust multimedia time range
- Publish on your player (DMB300 or DMC200)

5 AVCmd

In case your TV Set is not supported, refer to AVCmd application note to implement your own protocol with AVCmd Web IDL

Please contact support@innes.fr for more information