Json protocol for DARK DAWN

Port no: 10002

commands sent ONLY FROM controller to PC controller

command:	"SampleRate"
function:	current sample rate. Part of response from "RegStatus":"RegStatusA"
example:	"SampleRate":"48000"
Options:	1
"Fail"	could not find a valid sample rate to respond with
"32000"	32 KHz
"44100"	44.1 KHz
"48000"	48 KHz
"88200"	88.2 KHz
"96000"	96 KHz
"176400"	176.4 KHz
"192000"	192 KHz
command:	"ClkSource"
function:	current clock source. Part of response from "RegStatus":"RegStatusA"
example:	"ClkSource":"Internal"
Options:	
"Fail"	could not find a valid clock source
"Internal"	Frame clock from internal network
"External"	Frame clock reference from external word clock input
command:	"EthPri"
function:	primary ethernet state. Part of response from "ReqStatus":"ReqStatusA"
example:	"EthPri":"True"
Options:	
"False"	Primary port connection NOT detected
"True"	Primary port connection detected
command:	"EthSec"
function:	secondary ethernet state. Part of response from "ReqStatus":"ReqStatusA"
example:	"EthSec":"True"
Options:	
"False"	Secondary port connection NOT detected
"True"	Secondary port connection detected
command:	"PsuA"
function:	PSU A state. Part of response from "ReqStatus":"ReqStatusA"
example:	"PsuA":"True"
Options:	
"False"	Power supply A volts not detected
"Irue"	Power supply A volts detected

command: function: example: Options: "False" "True"	"PsuB" PSU B state. Part of response from "ReqStatus":"ReqStatusA" "PsuB":"True" Power supply B volts not detected Power supply B volts detected
command: function: example: Options:	"MeterSel" Meter selection state. Part of response from "ReqStatus":"ReqStatusA" "MeterSel":"MeterAdcIn"
"MeterAdcIn"	mini meter shows level from ADC inputs
"MeterDigIn"	mini meter shows level from Digital inputs
command: function: example: Options:	"MeterLineUp" Meter line up. Part of response from "ReqStatus":"ReqStatusA" "MeterLineUp":"MeterLineUp18"
"MeterLineUp24"	-24 dBFS
"MeterLineUp20"	-20 dBFS
"MeterLineUp18"	-18 dBFS
command: function: example: Options:	"FullScale" Full scale setting. Part of response from "ReqStatus":"ReqStatusA" "FullScale":"MeterScale18"
"MeterScale24"	-24 dBU
"MeterScale20"	-20 dBU
"MeterScale18"	-18 dBU
command:	"HpLevel"
function:	Headphone level. Part of response from "ReqStatus":"ReqStatusA"
example:	"HpLevel": 56
Options:	Headphone level 0-255. where 0 is the min and 255 is the max level.
command:	"MonChn"
function:	monitor channel 1-16. Part of response from "ReqStatus":"ReqStatusA"
example:	"MonChn": 1
Options:	Monitor channel for headphone output 1-16
command:	"FwVersion"
function:	firmware version. Part of response from "ReqStatus":"ReqStatusA"
example:	"FwVersion": "1.19"
command:	"SerialNum"
function:	firmware version. Part of response from "ReqStatus":"ReqStatusA"
example:	"SerialNum": "107"

command:	"Bright"
function:	brightness setting of front panel. Part of response from
	"ReqStatus":"ReqStatusA"
example:	"Bright": 100
Options:	brightness setting of front panel 0-255

The meter levels are represented by 0-255 where 0 is the maximum level which represents 0dBFS for each unit it represents a 0.5dB change. For example 4 = -2dBFS

command:	"Meter1"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter1": 56
Options:	0-255. where 255 is the min and 0 is the max level.
command:	"Meter2"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter2": 56
Options:	0-255. where 255 is the min and 0 is the max level
command:	"Meter3"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter3": 56
Options:	0-255. where 255 is the min and 0 is the max level
command:	"Meter4"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter4": 56
Options:	0-255. where 255 is the min and 0 is the max level
command:	"Meter5"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter5": 56
Options:	0-255. where 255 is the min and 0 is the max level.
command:	"Meter6"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter6": 56
Options:	0-255. where 255 is the min and 0 is the max level
command:	"Meter7"
function: example:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter7": 56
Options:	0-255. where 255 is the min and 0 is the max level

example: "Meter9": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter9": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter9": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter10" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData runction: source is set by "Me	command: function:	"Meter8" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
command: "Meter9" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter9": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter10" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData command: "Meter11"; 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData command: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData command: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: <t< td=""><td>example: Options:</td><td>"Meter8": 56 0-255. where 255 is the min and 0 is the max level</td></t<>	example: Options:	"Meter8": 56 0-255. where 255 is the min and 0 is the max level
Command: Meter3 function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter10" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter10" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData command: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData command: "Meter11" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData <td>commande</td> <td>"MotorQ"</td>	commande	"MotorQ"
example: "Meter9": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter10" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter11": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter11": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter11": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter14": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter14": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter16" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter16" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter16" Source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter16" Source is set by "MeterSel". Part of response from "Req	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
Options: command:0-255. where 255 is the min and 0 is the max level.'Meter10" function: source is set by 'MeterSel". Part of response from 'ReqStatus':'ReqMeterData 'Meter11"' function: source is set by 'MeterSel". Part of response from 'ReqStatus':'ReqMeterData example: 'Meter11"' function: source is set by 'MeterSel". Part of response from 'ReqStatus'':'ReqMeterData example: 'Meter11"' to -255. where 255 is the min and 0 is the max levelcommand: matching: (Meter11"' function: source is set by 'MeterSel". Part of response from 'ReqStatus'':'ReqMeterData example: 'Meter12"' function: source is set by 'MeterSel''. Part of response from 'ReqStatus'':'ReqMeterData example: 'Meter12"' for to -255. where 255 is the min and 0 is the max levelcommand: command: matchine: function: source is set by 'MeterSel''. Part of response from 'ReqStatus'':'ReqMeterData example: 'Meter13'' for to: source is set by 'MeterSel''. Part of response from 'ReqStatus'':'ReqMeterData ''ReqMeterData ''''' function: source is set by 'MeterSel''. Part of response from 'ReqStatus'':'ReqMeterData ''''''''''''''''''''''''''''''''''''	example:	"Meter9": 56
command:"Meter10"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter11"command:"Meter11"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter11"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "	Options:	0-255. where 255 is the min and 0 is the max level.
 source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter10": 56 Options: 0-255. where 255 is the min and 0 is the max level "Meter11"; 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter12" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter13": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter14": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData "Meter16" function: source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData 	command:	"Meter10" source is set by "MotorSel" Dart of response from "DegStatus": "DegMotorData
Command: options:O-255. where 255 is the min and 0 is the max levelcommand: function: example:"Meter11" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter11": 56Options:0-255. where 255 is the min and 0 is the max levelcommand: mand: function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command: match 2: function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: 0-255. where 255 is the min and 0 is the max levelcommand: command: match 2: function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: match 2: function: 	example	"Meter10": 56
command:"Meter11"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter11": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter12": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter16"func	Options:	0-255. where 255 is the min and 0 is the max level
function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter11": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter12" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:rmand:"Meter12" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter12": 56 0ptions:Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter13" to 56 0ptions:Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter14" function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter14" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter15" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter15" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter15" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter15" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter15" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData <td>command:</td> <td>"Meter11"</td>	command:	"Meter11"
example:"Meter11": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDataexample:"Meter12": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDataexample:"Meter14"command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDatacommand:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus": "ReqMeterData	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter12": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	example:	"Meter11": 56
command:"Meter12"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter12": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13": 56Options:0-255. where 255 is the min and 0 is the max level.command:"Meter13": 56Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	Options:	0-255. where 255 is the min and 0 is the max level
function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData "Meter12": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter13" source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example:command:"Meter13" 	command:	"Meter12"
example: "Meter12": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter13" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter13": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter14" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter14": 56 Options: 0-255. where 255 is the min and 0 is the max level. command: "Meter14": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter15" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData example: "Meter16" function: source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
Options:0-233. where 233 is the min and 0 is the max levelcommand:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	example:	"Meter12": 56
command:"Meter13"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13": 56Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15"function:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	Options.	0-255. where 255 is the mini and 0 is the max level
function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter13": 56Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	command:	"Meter13"
example:"Meter13": 56Options:0-255. where 255 is the min and 0 is the max level.command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDatacommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"command:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
Options."Meter 255 is the min and o is the max revel."command:"Meter 14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter 14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter 15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter 15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter 15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter 16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	example:	"Meter 13": 56 0-255 where 255 is the min and 0 is the max level
command:"Meter14"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	Options.	0 255. where 255 is the finit and 0 is the max level.
function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	command:	"Meter14"
example:"Meter14": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
command:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	example:	"Meter 14": 56 0-255 where 255 is the min and 0 is the max level
command:"Meter15"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	Options.	0-255. Where 255 is the limit and 0 is the max level
function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterDataexample:"Meter15": 56Options:0-255. where 255 is the min and 0 is the max levelcommand:"Meter16"function:source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData	command:	"Meter15"
example: "Meter15": 56 Options: 0-255. where 255 is the min and 0 is the max level command: "Meter16" function: source is set by "MeterSel". Part of response from "RegStatus":"RegMeterData	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
command: "Meter16" function: source is set by "MeterSel". Part of response from "RegStatus":"RegMeterData	example:	"Meter15": 56
command: "Meter16" function: source is set by "MeterSel". Part of response from "RegStatus":"RegMeterData	Options:	0-255. where 255 is the finite and 0 is the max level
function: source is set by "MeterSel". Part of response from "RegStatus": "RegMeterData	command:	"Meter16"
example: "Motor16": EC	function:	source is set by "MeterSel". Part of response from "ReqStatus":"ReqMeterData
Options: 0-255. where 255 is the min and 0 is the max level	Options:	0-255. where 255 is the min and 0 is the max level

command:	"StateDsp"
function:	state of DSP core. Part of response from "RegStatus":"RegHwStatus"
example:	"StateDsp":"True"
Ontions:	
"Falco"	DSD core not running
"True"	DSI core running
True	DSP core running
command:	"StateIoexp1"
function:	state of IO expander 1. Part of response from "RegStatus":"RegHwStatus"
example.	"StateInexn1"·"True"
Ontions:	Successfri Fride
"Falco"	configuration failed
"Truo"	configuration raned
True	configuration succeeded
command:	"StateIoexp2"
function:	state of IO expander 2. Part of response from "RegStatus":"RegHwStatus"
example:	"StateInexn?"·"True"
Ontions:	Suicidexp2 . The
"Falco"	configuration failed
r dise	configuration succeeded
True	comiguration succeeded
command:	"StateIoexp3"
function:	state of IO expander 3. Part of response from "RegStatus":"RegHwStatus"
example.	"StateInexn3"·"True"
Ontions:	Successful File
"Falco"	configuration failed
	configuration raned
ITUE	configuration succeeded
command:	"StateAdc1"
function:	state of ADC 1. Part of response from "RegStatus":"RegHwStatus"
example:	"StateAdc1":"True"
Ontions:	
"False"	configuration failed
"Truo"	configuration succeeded
IIue	configuration succeeded
command:	"StateAdc2"
function:	state of ADC 2. Part of response from "RegStatus":"RegHwStatus"
example:	"StateAdc2":"True"
Ontions:	
"Falso"	configuration failed
"Truo"	configuration function
True	configuration succeeded
command:	"StateDac1"
function:	state of DAC 1. Part of response from "RegStatus":"RegHwStatus"
example:	"StateDac1":"True"
Options:	
"False"	configuration failed
"True"	configuration succeeded
TIUC	כטוווקטומוטוו שנככבעבע

command:	"StateDac2"
function:	state of DAC 2. Part of response from "RegStatus":"RegHwStatus"
example:	"StateDac2":"True"
Options:	
"False"	configuration failed
"True"	configuration succeeded
IIuc	configuration succeded
command:	"StateNvram"
function:	state of config in NVRAM. Part of response from "RegStatus":"RegHwStatus"
example.	"StateNyram"."True"
Options:	
"False"	could not find NVRAM IC. Use default settings
"True"	found NVRAM IC – attempt to find configuration
IIuc	
command.	"StateDacMon"
function:	state of DAC monitor. Part of response from "RegStatus". "RegHwStatus"
example:	"StateDacMon"·"True"
Ontions:	
"False"	configuration failed
"True"	configuration succeeded
IIuc	configuration succeded
command	"StateNyramId"
function:	state of NVRAM id Part of response from "RegStatus"."RegHwStatus"
example:	"StateNyramId"."True"
Ontions:	
"False"	could not find config ID in NVRAM. Use default settings
יםנוז <i>כ</i> " "Truם"	found config ID in NVRAM Use settings in NVRAM
ITuc	Tourie coning in in two reasons of securings in two reasons
command:	"StateResetDev"
function:	state if device needs a reset for configuration settings to be used. Part of response
	from "RegStatus":"RegHwStatus"
example:	"StateResetDev":"True"
Options:	
"False"	DAWN does not need a reset
"True"	DAWN does need a reset for configuration to be used.
command:	"SetChnInfo"
function:	set channel information
example:	{"SetChnInfo":[{"ChnNum":1, "Type":"TypePhnMic", "PhnMicGain":42,
- r - ·	"MicGain":10. "LineGain":20. "PhaseInv":"True". "LowCutFilt": "False".
	"OutPhaseInv": "False"}]}
Options:	
"ChnNum"	channel number 1-16
"Type"	input type
51	"TypePhnMic" = phantom powered microphone
	"TypeMic" = microphone
	"TypeLine" = Line

"PhnMicGain" "MicGain" "LineGain" "PhaseInv" "LowCutFilt" "OutPhaseInv" command: function: example:	phantom powered microphone gain. See "TypeMinMaxInfo" for min - max microphone gain. See "TypeMinMaxInfo" for min - max line gain. See "TypeMinMaxInfo" for min - max input phase invert enabled("True") / disabled ("False") low cut filter enabled("True") / disabled ("False") output phase invert enabled("True") / disabled ("False") "TypeMinMaxInfo" response to "ReqInputTypesMinMax"
Ĩ	{"TypeMinMaxInfo":[{"Type": "TypeMic", "MinGain": 0, "MaxGain": 42}, {"Type": "TypeLine", "MinGain": 0, "MaxGain": 42}, {"Type": "TypePhnMic", "MinGain": 0, "MaxGain": 42}]}
options: Type:	TypeMic, TypeLine, TypePhnMic MinGain: -127 to 128 MaxGain: -127 to 128
command: function: example:	"CurrMacAddr" current MAC address. Part of response from "ReqStatus":"ReqNetInfo" "CurrMacAddr":"00:22:03:00:08:0A"
command: function: example:	"StatIpAddr" static IP address. Part of response from "ReqStatus":"ReqNetInfo" "StatIpAddr":"192.168.0.2"
command: function: example:	"CurrGateAddr" gateway address used when DHCP disabled. Part of response from "ReqStatus":"ReqNetInfo" "CurrGateAddr":"192.168.0.1"
command: function: example:	"CurrNetMask" netmask used when DHCP disabled. Part of response from "ReqStatus":"ReqNetInfo" "CurrNetMask":"255.255.0.0"
command: function: example: Options: "False"	"StateDHCP" DHCP state. Part of response from "ReqStatus":"ReqNetInfo" "StateDHCP":"False" DHCP disabled
"True"	DHCP enabled

command:	"CurrNetName"
function:	Network name used to access device instead of IP address.
	Part of response from "ReqStatus":"ReqNetInfo"
example:	"CurrNetName":"DAWN0107".
	Id is made created using the serial number assigned to the device.
	Default is DAWN0000 until serial number set.

commands sent ONLY FROM PC controller to Dark DAWN

command: "ReqStatus" function: to request a status block from the controller. example: "ReqStatus":"ReqStatusA" options: "ReqStatusA" "ReqMeterData" "ReqHwStatus" "ReqNetInfo"

"ReqStatusA" returns the following "SampleRate"

"ClkSource" "EthPri" "EthSec" "PsuA" "PsuB" "MeterSel" "MeterLineUp" "FullScale" "HpLevel" "MonChn" "FwVersion" "SerialNum" "Bright" "ReqMeterData" returns the following "Meter1" "Meter2" "Meter3" "Meter4" "Meter5" "Meter6"

- "Meter7"
- "Meter8"
- "Meter9"
- "Meter10"
- "Meter11"
- "Meter12"
- "Meter13"
- "Meter14"
- "Meter15"
- "Meter16"

"ReqHwStatus" returns the following "StateDsp" "StateIoexp1" "StateIoexp2" "StateIoexp3" "StateAdc1" "StateAdc2" "StateDac1" "StateDac2" "StateDac2" "StateDac2" "StateNvram" "StateNvramId" "StateResetDev"

"ReqNetInfo" returns the following "CurrMacAddr" "StatIpAddr" "CurrGateAddr" "CurrNetMask" "StateDHCP" "CurrNetName"

command:	"ReqChnInfo"
function:	request channel information
example:	"ReqChnInfo":1
Options:	channel number 1-16
command:	"ReqInputTypesMinMax"
function:	request min and max of each input type. Mic, Line, Phantom mic
example:	"ReqInputTypesMinMax":"a"
command:	"SetHpLevel"
function:	set Headphone level
example:	"SetHpLevel": 56
Options:	headphone level 0-255. where 0 is the min and 255 is the max level.
command:	"SetMonChn"
function:	set monitor channel
example:	"SetMonChn": 1
Options:	monitor channel 1-16. where 1 is the min and 16 is the max
command:	"ResetHw"
function:	resets hardware

example:	"ResetHw": "A"
command:	"SetBrightness"
function:	set brightness setting of front panel.
example:	"SetBrightness": 100
Options:	brightness setting of front panel 0-255
command:	"SetStaticIpAddr"
function:	set static IP address.
example:	"SetStaticIpAddr":"192.168.0.2"
command:	"SetGatewayIP"
function:	set gateway address used when DHCP disabled.
example:	"SetGatewayIP":"192.168.0.1"
command:	"SetNetMask"
function:	set netmask used when DHCP disabled.
example:	"SetNetMask":"255.255.0.0"
command: function: example: Options:	"SetDhcpState" set DHCP state. "SetDhcpState":"True"
"False"	DHCP disabled
"True"	DHCP enabled