AIRLITE

USB HID CONTROL PROTOCOL

26-4-2021 Revision v1.5

1 Contents

2   Change log

v1.0:
- initial release.

v1.1:
- GPO extended with pulse feature.

v1.2:
- Phone ringing event added.

v1.3:
- AUTO OFF Command id added.

v1.4:
- STATE_CONNECT Command id added.

v1.5:
- Added Command id's and their Write, Req/Reply and Event functions:
  AIRLITE_CONFIG_LOCKED_ON
  AIRLITE_CONFIG_PGM_AUTO_OFF
  AIRLITE_CONFIG_MIC_ON
- Bugfix:
  4.3.12 AIRLITE_CONFIG_CUE_EVENT
  - Non-stop and Air are reversed.

3   Message format

Transmitting data through the USB bus using the HID class protocol is done by reports. A report always contains an report ID and the data inside the report. In order to succesfully communicate with the Airlite only report ID 0 may be used. More information about report descriptors can be found on www.usb.org.

A control message has a fixed size of 10 bytes containing a *size* byte, *command* byte, and a *data* section of maximal 8 bytes. The *size* byte contains the total number of bytes used (*size* byte included) in the message.

Byte	Symbol	Value	Description
0	SIZE	-	Total size of the message
1	CMD	-	Command byte
9:2	DATA	-	8 bytes of specific message data

3.1   Command byte

The command byte consists of a 2-bit *TYPE* and a 6-bit *ID* field.

Bit	Symbol	Value	Description
5:0	ID	-	Command Identifier (ID)
7:6	TYPE	00	Write command, from host to device
		01	Request command, from host to device
		10	Reply command, reply from device to host on a request
		11	Event, from device to host (i.e. button pressed)

3.1.1   TYPE

The type field allows to create four different types of messages. The types are *write*, *request*, *reply* and *event*. With *write* one can write data to the console, perform an action for example like remote control the NonStop button. If such a *write* action went well, the console sends back the corresponding *event* message. The *request* and *reply* type messages can be used to obtain state or configuration data from the console.

3.1.2   ID

The following table represents all the different ID's used to create a message:

Value	Description
0x01	AIRLITE_FIRMWARE
0x02	AIRLITE_CTRL_LED
0x03	AIRLITE_CTRL_LED_BLINK
0x04	AIRLITE_CTRL_SWITCH
0x05	AIRLITE_REMOTE_ON
0x06	AIRLITE_REMOTE_CUE
0x07	AIRLITE_REMOTE_CUE_RESET
0x08	AIRLITE_REMOTE_AUTO_CUE_ANN
0x09	AIRLITE_REMOTE_AUTO_CUE_CRM
0x0A	AIRLITE_REMOTE_NON_STOP
0x0B	AIRLITE_REMOTE_COMM

0x0C	AIRLITE_REMOTE_COUGH
0x0D	AIRLITE_REMOTE_VT
0x10	AIRLITE_CONFIG_SAVE
0x11	AIRLITE_CONFIG_AUTO_ON
0x12	AIRLITE_CONFIG_CUE_RESET
0x13	AIRLITE_CONFIG_ON_AIR
0x14	AIRLITE_CONFIG_CRM_MUTE
0x15	AIRLITE_CONFIG_CRM_AUTO_CUE_RESET
0x16	AIRLITE_CONFIG_STUDIO_REMOTE
0x17	AIRLITE_CONFIG_CUE_INTERLOCK
0x18	AIRLITE_CONFIG_GPO
0x19	AIRLITE_CONFIG_CUE
0x1A	AIRLITE_CONFIG_ON
0x1B	AIRLITE_CONFIG_FADER_RESERVE
0x1C	AIRLITE_CONFIG_SILENCE_DETECTION
0x1D	AIRLITE_CONFIG_PHANTOM
0x1E	AIRLITE_CONFIG_MIC_AT_LINE
0x1F	AIRLITE_CONFIG_AUTO_OFF
0x31	AIRLITE_CONFIG_LOCKED_ON
0x32	AIRLITE_CONFIG_PGM_AUTO_OFF
0x33	AIRLITE_CONFIG_MIC_ON
0x20	AIRLITE_STATE_ON
0x21	AIRLITE_STATE_CUE
0x22	AIRLITE_STATE_FADER
0x23	AIRLITE_STATE_AUTO_CUE
0x24	AIRLITE_STATE_SRC_SEL
0x25	AIRLITE_STATE_NON_STOP
0x26	AIRLITE_STATE_MIC_ON
0x27	AIRLITE_STATE_GPO
0x28	AIRLITE_STATE_ON_AIR
0x29	AIRLITE_STATE_SILENCE_DETECTION
0x2A	AIRLITE_STATE_MODULE
0x2B	AIRLITE_STATE_CRM_MUTE
0x2C	AIRLITE_STATE_TRACK
0x2D	AIRLITE_STATE_PHONE_RINGING
0x2E	AIRLITE_STATE_CONNECT
0x30	AIRLITE_METERING
0x3A	AIRLITE_AUTHENTICATE

4 Messages

4.1 Write

A message of the type *write* is transmitted from the PC to Airlite. The message is intended to perform an action on the Airlite. If the action is correctly executed, the Airlite may reply with a corresponding event.

4.1.1 AIRLITE_CTRL_LED_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x02	AIRLITE_CTRL_LED_WRITE
2	ID	0x00	Control LED 1A
		0x01	Control LED 2A
		0x02	Control LED 3A
		0x03	Control LED 4A
		0x04	Control LED 5A
		0x05	Control LED 6A
		0x06	Control LED 7A
		0x07	Control LED 8A
		0x08	Control LED 1B
		0x09	Control LED 2B
		0x0A	Control LED 3B
		0x0B	Control LED 4B
		0x0C	Control LED 5B
		0x0D	Control LED 6B
		0x0E	Control LED 7B
		0x0F	Control LED 8B
		0xFF	Control LED ALL
3	COLOR	0x00	OFF
		0x01	RED
		0x02	GREEN

4.1.2   AIRLITE_CTRL_LED_BLINK_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x06	Message size
1	CMD	0x03	AIRLITE_CTRL_LED_BLINK_WRITE
2	ID	0x00	Control LED 1A
		0x01	Control LED 2A
		0x02	Control LED 3A
		0x03	Control LED 4A
		0x04	Control LED 5A
		0x05	Control LED 6A
		0x06	Control LED 7A
		0x07	Control LED 8A
		0x08	Control LED 1B
		0x09	Control LED 2B
		0x0A	Control LED 3B
		0x0B	Control LED 4B
		0x0C	Control LED 5B
		0x0D	Control LED 6B
		0x0E	Control LED 7B
		0x0F	Control LED 8B
		0xFF	Control LED ALL
3	COLOR ON	0x00	OFF
		0x01	RED
		0x02	GREEN
4	COLOR OFF	0x00	OFF
		0x01	RED
		0x02	GREEN
5	BLINK SPEED	0x00	SLOW
		0x01	NORMAL
		0x02	FAST

4.1.3   AIRLITE_REMOTE_ON_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x05	AIRLITE_REMOTE_ON_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE
		0x02	TOGGLE

4.1.4 AIRLITE_REMOTE_CUE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x06	AIRLITE_REMOTE_CUE_WRITE
2	ID	0x00	CUE Module 1
		0x01	CUE Module 2
		0x02	CUE Module 3
		0x03	CUE Module 4
		0x04	CUE Module 5
		0x05	CUE Module 6
		0x06	CUE Module 7
		0x07	CUE Module 8
		0x08	CUE Aux
		0x09	CUE NonStop
		0x0A	CUE Air
		0xFF	CUE ALL
3	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE
		0x02	TOGGLE

4.1.5 AIRLITE_REMOTE_CUE_RESET_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x02	Message size
1	CMD	0x07	AIRLITE_REMOTE_CUE_RESET_WRITE

4.1.6 AIRLITE_REMOTE_AUTO_CUE_ANN_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x08	AIRLITE_REMOTE_AUTO_CUE_ANN_WRITE
2	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE
		0x02	TOGGLE

4.1.7 AIRLITE_REMOTE_AUTO_CUE_CRM_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x09	AIRLITE_REMOTE_AUTO_CUE_CRM_WRITE
2	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE
		0x02	TOGGLE

4.1.8 AIRLITE_REMOTE_NON_STOP_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x0A	AIRLITE_REMOTE_NON_STOP_WRITE
2	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE
		0x02	TOGGLE

4.1.9 AIRLITE_REMOTE_COMM_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x0B	AIRLITE_REMOTE_COMM_WRITE
2	ID		Module 1(0x00) to 3(0x02)
3	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE

4.1.10 AIRLITE_REMOTE_COUGH_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x0C	AIRLITE_REMOTE_COUGH_WRITE
2	ID		Module 1(0x00) to 3(0x02)
3	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE

4.1.11 AIRLITE_REMOTE_VT_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x0D	AIRLITE_REMOTE_VT_WRITE
2	ID		Module 1(0x00) to 3(0x02), or 8(0x07)
3	ACTION	0x00	DEACTIVATE
		0x01	ACTIVATE

4.1.12 AIRLITE_CONFIG_SAVE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x02	Message size
1	CMD	0x10	AIRLITE_CONFIG_SAVE_WRITE

4.1.13 AIRLITE_CONFIG_AUTO_ON_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x11	AIRLITE_CONFIG_AUTO_ON_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.14 AIRLITE_CONFIG_CUE_RESET_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x12	AIRLITE_CONFIG_CUE_RESET_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG		bit 0: CUE_RESET_ENABLED_BY_LINE
			bit 1: CUE_RESET_ENABLED_BY_MIC_USB_VOIP
			bit 2: CUE_RESET_ENABLED_BY_FADER
			bit 3: CUE_RESET_ENABLED_BY_ON
			bit 4: CUE_RESET_ENABLED_BY_FADER_AND_ON

4.1.15 AIRLITE_CONFIG_ON_AIR_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x13	AIRLITE_CONFIG_ON_AIR_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG		bit 0: ON_AIR1_ENABLED_BY_LINE
			bit 1: ON_AIR1_ENABLED_BY_MIC_USB_VOIP
			bit 2: ON_AIR2_ENABLED_BY_LINE
			bit 3: ON_AIR2_ENABLED_BY_MIC_USB_VOIP

4.1.16 AIRLITE_CONFIG_CRM_MUTE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x14	AIRLITE_CONFIG_CRM_MUTE_WRITE
2	ID		Module 1(0x00) to 3(0x02). All three modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.17 AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x15	AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_WRITE
2	ID		Module 1(0x00) to 3(0x02). All three modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.18 AIRLITE_CONFIG_STUDIO_REMOTE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x16	AIRLITE_CONFIG_STUDIO_REMOTE_WRITE
2	ID		Module 1(0x00) to 3(0x02). All three modules(0xFF)
3	CONFIG		bit 0: STUDIO_REMOTE_COUGH_ENABLE
			bit 1: STUDIO_REMOTE_COMM_ENABLE
			bit 2: STUDIO_REMOTE_COMM_PRIVATE

4.1.19 AIRLITE_CONFIG_CUE_INTERLOCK_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x17	AIRLITE_CONFIG_CUE_INTERLOCK_WRITE
2	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.20 AIRLITE_CONFIG_GPO_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x07	Message size
1	CMD	0x18	AIRLITE_CONFIG_GPO_WRITE
2	ID	0x00	GPO 1
		0x01	GPO 2
3	TRIGGER	0x00	OFF
		0x01	ONAIR 1
		0x02	ONAIR 2
		0x03	PHONE
		0x04	MICON
		0x05	NONSTOP
		0x06	Module 1 ACTIVE
		0x07	Module 2 ACTIVE
		0x08	Module 3 ACTIVE
		0x09	Module 4 ACTIVE
		0x0A	Module 5 ACTIVE
		0x0B	Module 6 ACTIVE
		0x0C	Module 7 ACTIVE
		0x0D	Module 8 ACTIVE
4	MODE	0x00	NON-INVERTED Output
		0x01	INVERTED Output
5	TYPE	0x00	CONTINUES
		0x01	PULSE by ON
		0x02	PULSE by OFF
		0x03	PULSE by ON/OFF
6	TIME		10(0x0A) ~ 255(0xFF) [ms]

4.1.21 AIRLITE_CONFIG_CUE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x19	AIRLITE_CONFIG_CUE_WRITE
2	ID	0x00	CUE Module 1
		0x01	CUE Module 2
		0x02	CUE Module 3
		0x03	CUE Module 4
		0x04	CUE Module 5
		0x05	CUE Module 6
		0x06	CUE Module 7
		0x07	CUE Module 8
		0x08	CUE Aux
		0x09	CUE NonStop
		0x0A	CUE Air
		0xFF	CUE ALL
3	ACTIVE	0x00	OFF
		0x01	RED
		0x02	GREEN
4	INACTIVE	0x00	OFF
		0x01	RED
		0x02	GREEN

4.1.22 AIRLITE_CONFIG_ON_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x06	Message size
1	CMD	0x1A	AIRLITE_CONFIG_ON_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	ACTIVE0 (ON)	0x00	OFF
		0x01	RED
		0x02	GREEN
4	ACTIVE1 (ON+FADER)	0x00	OFF
		0x01	RED
		0x02	GREEN
5	INACTIVE	0x00	OFF
		0x01	RED
		0x02	GREEN

4.1.23 AIRLITE_CONFIG_FADER_RESERVE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x1B	AIRLITE_CONFIG_FADER_RESERVE_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG	0x00	DISABLE (top fader = 0 dB)
		0x01	ENABLE (top fader = +10 dB)

4.1.24 AIRLITE_CONFIG_SILENCE_DETECTION_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x07	Message size
1	CMD	0x1C	AIRLITE_CONFIG_SILENCE_DETECTION_WRITE
2	THRESHOLD		Threshold value: { -40 .. 0 } [dB]
3	INTERVAL		Interval value: { 2 .. 255 } [sec/min]
4	INTERVAL-UNIT	0x00	SECONDS
		0x01	MINUTES
5	SOURCE	0x00	PROG LEFT
		0x01	PROG RIGHT
		0x02	PROG STEREO
6	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.25 AIRLITE_CONFIG_PHANTOM_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x1D	AIRLITE_CONFIG_PHANTOM_WRITE
2	ID		Module 1(0x00) to 3(0x02). All modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.26 AIRLITE_CONFIG_MIC_AT_LINE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x1E	AIRLITE_CONFIG_MIC_AT_LINE_WRITE
2	ID		Module 1(0x00) to 3(0x02). All modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.27 AIRLITE_CONFIG_AUTO_OFF_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x1F	AIRLITE_CONFIG_AUTO_OFF_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.28 AIRLITE_CONFIG_LOCKED_ON_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x31	AIRLITE_CONFIG_LOCKED_ON_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG	0x00	DISABLE
		0x01	ENABLE

4.1.29 AIRLITE_CONFIG_PGM_AUTO_OFF_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x32	AIRLITE_CONFIG_PGM_AUTO_OFF_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	CONFIG		Bit 0: ENABLED_BY_LINE
			Bit 1: ENABLED_BY_MIC_USB_VOIP

4.1.30 AIRLITE_CONFIG_MIC_ON_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x33	AIRLITE_CONFIG_MIC_ON_WRITE
2	TRIGGER	0x00	Mic On
		0x01	OnAir 1
		0x02	OnAir 2

4.1.31 AUTHENTICATE_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0x3A	AIRLITE_AUTHENTICATE_WRITE
2	KEY		Key id { 1 .. 16 }. Keys are stored inside the Airlite.
3	PART		Part id { 0 .. 3 } of 16-byte data block
7:4	DATA[3..0]		Encryption data (AES encryption is used)

4.1.32 AIRLITE_STATE_TRACK_WRITE

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x2C	AIRLITE_STATE_TRACK_WRITE
2	ID		Module 1(0x00) to 8(0x07). All modules(0xFF)
3	STATE	0x00	TRACK STOPPED
		0x01	TRACK PLAYING
		0x02	TRACK ENDING

4.2 Request/Reply

A message of the type *Reply* is transmitted from the Airlite to the PC when prior a *Request* message was received.

4.2.1 AIRLITE_FIRMWARE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x41	AIRLITE_FIRMWARE_REQUEST
		0x81	AIRLITE_FIRMWARE_REPLY
2	MAJOR		MAJOR Rev. number
3	MINOR		MINOR Rev. number

4.2.2 AIRLITE_CTRL_SWITCH_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x44	AIRLITE_CTRL_SWITCH_REQUEST
		0x84	AIRLITE_CTRL_SWITCH_REPLY
2	CONTROL-1		bit 0: CONTROL SWITCH 1A
			bit 1: CONTROL SWITCH 2A
			bit 2: CONTROL SWITCH 3A
			bit 3: CONTROL SWITCH 4A
			bit 4: CONTROL SWITCH 5A
			bit 5: CONTROL SWITCH 6A
			bit 6: CONTROL SWITCH 7A
			bit 7: CONTROL SWITCH 8A
3	CONTROL-2		bit 0: CONTROL SWITCH 1B
			bit 1: CONTROL SWITCH 2B
			bit 2: CONTROL SWITCH 3B
			bit 3: CONTROL SWITCH 4B
			bit 4: CONTROL SWITCH 5B
			bit 5: CONTROL SWITCH 6B
			bit 6: CONTROL SWITCH 7B
			bit 7: CONTROL SWITCH 8B

4.2.3 AIRLITE_CONFIG_AUTO_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x51	AIRLITE_CONFIG_AUTO_ON_REQUEST
		0x91	AIRLITE_CONFIG_AUTO_ON_REPLY
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.2.4 AIRLITE_CONFIG_CUE_RESET_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x52	AIRLITE_CONFIG_CUE_RESET_REQUEST
		0x92	AIRLITE_CONFIG_CUE_RESET_REPLY
9:2	MODULE[8..1]		bit 0: CUE_RESET_ENABLED_BY_LINE
			bit 1: CUE_RESET_ENABLED_BY_MIC_USB_VOIP
			bit 2: CUE_RESET_ENABLED_BY_FADER
			bit 3: CUE_RESET_ENABLED_BY_ON
			bit 4: CUE_RESET_ENABLED_BY_FADER_AND_ON

4.2.5 AIRLITE_CONFIG_ON_AIR_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x53	AIRLITE_CONFIG_ON_AIR_REQUEST
		0x93	AIRLITE_CONFIG_ON_AIR_REPLY
9:2	MODULE[8..1]		bit 0: ON_AIR1_ENABLED_BY_LINE
			bit 1: ON_AIR1_ENABLED_BY_MIC_USB_VOIP
			bit 2: ON_AIR2_ENABLED_BY_LINE
			bit 3: ON_AIR2_ENABLED_BY_MIC_USB_VOIP

4.2.6 AIRLITE_CONFIG_CRM_MUTE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x54	AIRLITE_CONFIG_CRM_MUTE_REQUEST
		0x94	AIRLITE_CONFIG_CRM_MUTE_REPLY
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.2.7 AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x55	AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_REQUEST
		0x95	AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_REPLY
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.2.8 AIRLITE_CONFIG_STUDIO_REMOTE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x56	AIRLITE_CONFIG_STUDIO_REMOTE_REQUEST
		0x96	AIRLITE_CONFIG_STUDIO_REMOTE_REPLY
4:2	MODULE[3..1]		bit 0: STUDIO_REMOTE_COUGH_ENABLE
			bit 1: STUDIO_REMOTE_COMM_ENABLE
			bit 2: STUDIO_REMOTE_COMM_PRIVATE

4.2.9 AIRLITE_CONFIG_CUE_INTERLOCK_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x57	AIRLITE_CONFIG_CUE_INTERLOCK_REQUEST
		0x97	AIRLITE_CONFIG_CUE_INTERLOCK_REPLY
2	STATE	0x00	DISABLED
		0x01	ENABLED

4.2.10 AIRLITE_CONFIG_GPO_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x58	AIRLITE_CONFIG_GPO_REQUEST
		0x98	AIRLITE_CONFIG_GPO_REPLY
2	GPO1-TRIGGER	0x00	OFF
		0x01	ONAIR 1
		0x02	ONAIR 2
		0x03	PHONE
		0x04	MICON
		0x05	NONSTOP
		0x06	Module 1 ACTIVE
		0x07	Module 2 ACTIVE
		0x08	Module 3 ACTIVE
		0x09	Module 4 ACTIVE
		0x0A	Module 5 ACTIVE
		0x0B	Module 6 ACTIVE
		0x0C	Module 7 ACTIVE
		0x0D	Module 8 ACTIVE
3	GPO1-INVERT	0x00	NON-INVERTED Output
		0x01	INVERTED Output
4	GPO1-TYPE	0x00	CONTINUES
		0x01	PULSE by ON
		0x02	PULSE by OFF
		0x03	PULSE by ON/OFF
5	GPO1-TIME		10(0x0A) ~ 255(0xFF) [ms]
6	GPO2-TRIGGER	0x00	OFF
		0x01	ONAIR 1
		0x02	ONAIR 2
		0x03	PHONE
		0x04	MICON
		0x05	NONSTOP
		0x06	Module 1 ACTIVE
		0x07	Module 2 ACTIVE
		0x08	Module 3 ACTIVE
		0x09	Module 4 ACTIVE
		0x0A	Module 5 ACTIVE
		0x0B	Module 6 ACTIVE

Byte	Symbol	Value	Description
		0x0C	Module 7 ACTIVE
		0x0D	Module 8 ACTIVE
7	GPO2-INVERT	0x00	NON-INVERTED Output
		0x01	INVERTED Output
8	GPO2-TYPE	0x00	CONTINUES
		0x01	PULSE by ON
		0x02	PULSE by OFF
		0x03	PULSE by ON/OFF
9	GPO2-TIME		10(0x0A) ~ 255(0xFF) [ms]

4.2.11 AIRLITE_CONFIG_CUE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0x59	AIRLITE_CONFIG_CUE_REQUEST
		0x99	AIRLITE_CONFIG_CUE_REPLY
5:2	DATA[n] *n= {4..1}*		bit[1:0]: CUE ACTIVE COLOR MODULE(n*2-1)
			bit[3:2]: CUE INACTIVE COLOR MODULE(n*2-1)
			bit[5:4]: CUE ACTIVE COLOR MODULE(n*2)
			bit[7:6]: CUE INACTIVE COLOR MODULE(n*2)
6	DATA5		bit[1:0]: CUE ACTIVE COLOR AUX
			bit[3:2]: CUE INACTIVE COLOR AUX
			bit[5:4]: CUE ACTIVE COLOR NON-STOP
			bit[7:6]: CUE INACTIVE COLOR NON-STOP
7	DATA6		bit[1:0]: CUE ACTIVE COLOR AIR
			bit[3:2]: CUE INACTIVE COLOR AIR
			00: OFF
			01: RED
			10: GREEN

4.2.12 AIRLITE_CONFIG_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0x5A	AIRLITE_CONFIG_ON_REQUEST
		0x9A	AIRLITE_CONFIG_ON_REPLY
5:2	DATA[n] *n= {4..1}*		bit[1:0]: ON ACTIVE COLOR MODULE(n*2-1) bit[3:2]: ON INACTIVE COLOR MODULE(n*2-1) bit[5:4]: ON ACTIVE COLOR MODULE(n*2) bit[7:6]: ON INACTIVE COLOR MODULE(n*2)
6	DATA5		bit[1:0]: ON+FADER ACTIVE COLOR MODULE 1 bit[3:2]: ON+FADER ACTIVE COLOR MODULE 2 bit[5:4]: ON+FADER ACTIVE COLOR MODULE 3 bit[7:6]: ON+FADER ACTIVE COLOR MODULE 4
7	DATA6		bit[1:0]: ON+FADER ACTIVE COLOR MODULE 5 bit[3:2]: ON+FADER ACTIVE COLOR MODULE 6 bit[5:4]: ON+FADER ACTIVE COLOR MODULE 7 bit[7:6]: ON+FADER ACTIVE COLOR MODULE 8
			00: OFF 01: RED 10: GREEN

4.2.13 AIRLITE_CONFIG_FADER_RESERVE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x5B	AIRLITE_CONFIG_FADER_RESERVE_REQUEST
		0x9B	AIRLITE_CONFIG_FADER_RESERVE_REPLY
9:2	MODULE[8..1]	0x00	DISABLED (top fader = 0 dB)
		0x01	ENABLED (top fader = +10 dB)

4.2.14 AIRLITE_CONFIG_SILENCE_DETECTION_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x07	Message size
1	CMD	0x5C	AIRLITE_CONFIG_SILENCE_DETECTION_REQUEST
		0x9C	AIRLITE_CONFIG_SILENCE_DETECTION_REPLY
2	THRESHOLD		Threshold value: { -40...0 } [dB]
3	INTERVAL		Interval value: { 2..255 } [sec/min]
4	INTERVAL-UNIT	0x00	SECONDS
		0x01	MINUTES
5	SOURCE	0x00	PROG LEFT
		0x01	PROG RIGHT
		0x02	PROG STEREO
6	CONFIG	0x00	DISABLED
		0x01	ENABLED

4.2.15 AIRLITE_CONFIG_PHANTOM_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x5D	AIRLITE_CONFIG_PHANTOM_REQUEST
		0x9D	AIRLITE_CONFIG_PHANTOM_REPLY
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.2.16 AIRLITE_CONFIG_MIC_AT_LINE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x5E	AIRLITE_CONFIG_MIC_AT_LINE_REQUEST
		0x9E	AIRLITE_CONFIG_MIC_AT_LINE_REPLY
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.2.17 AIRLITE_CONFIG_AUTO_OFF_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x5F	AIRLITE_CONFIG_AUTO_OFF_REQUEST
		0x9F	AIRLITE_CONFIG_AUTO_OFF_REPLY
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.2.18 AIRLITE_CONFIG_LOCKED_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x71	AIRLITE_CONFIG_LOCKED_ON_REQUEST
		0xB1	AIRLITE_CONFIG_LOCKED_ON_REPLY
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.2.19 AIRLITE_CONFIG_PGM_AUTO_OFF_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x72	AIRLITE_CONFIG_PGM_AUTO_OFF_REQUEST
		0xB2	AIRLITE_CONFIG_PGM_AUTO_OFF_REPLY
9:2	MODULE[8..1]		Bit 0: ENABLED_BY_LINE
			Bit 1: ENABLED_BY_MIC_USB_VOIP

4.2.20 AIRLITE_CONFIG_MIC_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x73	AIRLITE_CONFIG_MIC_ON_REQUEST
		0xB3	AIRLITE_CONFIG_MIC_ON_REPLY
2	TRIGGER	0x00	Mic On
		0x01	OnAir 1
		0x02	OnAir 2

4.2.21 AIRLITE_STATE_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x60	AIRLITE_STATE_ON_REQUEST
		0xA0	AIRLITE_STATE_ON_REPLY
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

4.2.22 AIRLITE_STATE_CUE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x61	AIRLITE_STATE_CUE_REQUEST
		0xA1	AIRLITE_STATE_CUE_REPLY
2	DATA0		bit 0: CUE Module 1 (1: Active, 0: Inactive)
			bit 1: CUE Module 2
			bit 2: CUE Module 3
			bit 3: CUE Module 4
			bit 4: CUE Module 5
			bit 5: CUE Module 6
			bit 6: CUE Module 7
			bit 7: CUE Module 8
3	DATA1		bit 0: CUE Aux
			bit 1: CUE NonStop
			bit 2: CUE Air

4.2.23 AIRLITE_STATE_FADER_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x62	AIRLITE_STATE_FADER_REQUEST
		0xA2	AIRLITE_STATE_FADER_REPLY
9:2	MODULE[8..1]	0x00	INACTIVE (Fader off)
		0x01	ACTIVE (Fader on)

4.2.24 AIRLITE_STATE_AUTO_CUE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x63	AIRLITE_STATE_AUTO_CUE_REQUEST
		0xA3	AIRLITE_STATE_AUTO_CUE_REPLY
2	AUTO-CUE-CRM	0x00	AUTO CUE CRM INACTIVE
		0x01	AUTO CUE CRM ACTIVE
3	AUTO-CUE-ANN	0x00	AUTO CUE ANNOUNCER INACTIVE
		0x01	AUTO CUE ANNOUNCER ACTIVE

4.2.25 AIRLITE_STATE_SRC_SEL_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x64	AIRLITE_STATE_SRC_SEL_REQUEST
		0xA4	AIRLITE_STATE_SRC_SEL_REPLY
9:2	MODULE[8..1]	0x00	LINE
		0x01	MIC/USB/VoIP

4.2.26 AIRLITE_STATE_NON_STOP_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x65	AIRLITE_STATE_NON_STOP_REQUEST
		0xA5	AIRLITE_STATE_NON_STOP_REPLY
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.2.27 AIRLITE_STATE_MIC_ON_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x66	AIRLITE_STATE_MIC_ON_REQUEST
		0xA6	AIRLITE_STATE_MIC_ON_REPLY
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.2.28 AIRLITE_STATE_GPO_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x67	AIRLITE_STATE_GPO_REQUEST
		0xA7	AIRLITE_STATE_GPO_REPLY
2	GPO1	0x00	INACTIVE
		0x01	ACTIVE
3	GPO2	0x00	INACTIVE
		0x01	ACTIVE

4.2.29 AIRLITE_STATE_ON_AIR_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0x68	AIRLITE_STATE_ON_AIR_REQUEST
		0xA8	AIRLITE_STATE_ON_AIR_REPLY
2	ON-AIR1	0x00	INACTIVE
		0x01	ACTIVE
3	ON-AIR2	0x00	INACTIVE
		0x01	ACTIVE

4.2.30 AIRLITE_STATE_SILENCE_DETECTION_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x69	AIRLITE_STATE_SILENCE_DETECTION_REQUEST
		0xA9	AIRLITE_STATE_SILENCE_DETECTION_REPLY
2	STATE	0x00	IDLE
		0x01	ALARM

4.2.31 AIRLITE_STATE_MODULE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x6A	AIRLITE_STATE_MODULE_REQUEST
		0xAA	AIRLITE_STATE_MODULE_REPLY
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

4.2.32 AIRLITE_STATE_CRM_MUTE_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0x6B	AIRLITE_STATE_CRM_MUTE_REQUEST
		0xAB	AIRLITE_STATE_CRM_MUTE_REPLY
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.2.33 AIRLITE_STATE_TRACK_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x6C	AIRLITE_STATE_TRACK_REQUEST
		0xAC	AIRLITE_STATE_TRACK_REPLY
9:2	MODULE[8..1]	0x00	TRACK STOPPED
		0x01	TRACK PLAYING
		0x02	TRACK END OF FILE

4.2.34 AIRLITE_STATE_COMM_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x4B	AIRLITE_STATE_COMM_REQUEST
		0x8B	AIRLITE_STATE_COMM_REPLY
4:2	MODULE[3..1]	0x00	INACTIVE
		0x01	ACTIVE

4.2.35 AIRLITE_STATE_COUGH_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0x4C	AIRLITE_STATE_COUGH_REQUEST
		0x8C	AIRLITE_STATE_COUGH_REPLY
4:2	MODULE[3..1]	0x00	INACTIVE
		0x01	ACTIVE

4.2.36 AIRLITE_STATE_VT_REQUEST_REPLY

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0x4D	AIRLITE_STATE_VT_REQUEST
		0x8D	AIRLITE_STATE_VT_REPLY
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

NOTE: Only available for module 1, 2, 3, and 8.

4.3 Events

4.3.1 AIRLITE_CTRL_LED_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xC2	AIRLITE_CTRL_LED_EVENT
2	ID	0x00	Control LED 1A
		0x01	Control LED 2A
		0x02	Control LED 3A
		0x03	Control LED 4A
		0x04	Control LED 5A
		0x05	Control LED 6A
		0x06	Control LED 7A
		0x07	Control LED 8A
		0x08	Control LED 1B
		0x09	Control LED 2B
		0x0A	Control LED 3B
		0x0B	Control LED 4B
		0x0C	Control LED 5B
		0x0D	Control LED 6B
		0x0E	Control LED 7B
		0x0F	Control LED 8B
		0xFF	Control LED ALL
3	COLOR	0x00	OFF
		0x01	RED
		0x02	GREEN

4.3.2 AIRLITE_CTRL_LED_BLINK_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x06	Message size
1	CMD	0xC3	AIRLITE_CTRL_LED_BLINK_EVENT
2	ID	0x00	Control LED 1A
		0x01	Control LED 2A
		0x02	Control LED 3A
		0x03	Control LED 4A
		0x04	Control LED 5A
		0x05	Control LED 6A
		0x06	Control LED 7A
		0x07	Control LED 8A
		0x08	Control LED 1B
		0x09	Control LED 2B
		0x0A	Control LED 3B
		0x0B	Control LED 4B
		0x0C	Control LED 5B
		0x0D	Control LED 6B
		0x0E	Control LED 7B
		0x0F	Control LED 8B
		0xFF	Control LED ALL
3	COLOR ON	0x00	OFF
		0x01	RED
		0x02	GREEN
4	COLOR OFF	0x00	OFF
		0x01	RED
		0x02	GREEN
5	BLINK SPEED	0x00	SLOW
		0x01	NORMAL
		0x02	FAST

4.3.3 AIRLITE_CTRL_SWITCH_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xC4	AIRLITE_CTRL_SWITCH_EVENT
2	CONTROL-1		bit 0: CONTROL SWITCH 1A (1=pressed, 0=released)
			bit 1: CONTROL SWITCH 2A
			bit 2: CONTROL SWITCH 3A
			bit 3: CONTROL SWITCH 4A
			bit 4: CONTROL SWITCH 5A
			bit 5: CONTROL SWITCH 6A
			bit 6: CONTROL SWITCH 7A
			bit 7: CONTROL SWITCH 8A
3	CONTROL-2		bit 0: CONTROL SWITCH 1B (1=pressed, 0=released)
			bit 1: CONTROL SWITCH 2B
			bit 2: CONTROL SWITCH 3B
			bit 3: CONTROL SWITCH 4B
			bit 4: CONTROL SWITCH 5B
			bit 5: CONTROL SWITCH 6B
			bit 6: CONTROL SWITCH 7B
			bit 7: CONTROL SWITCH 8B

4.3.4 AIRLITE_CONFIG_AUTO_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xD1	AIRLITE_CONFIG_AUTO_ON_EVENT
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.3.5 AIRLITE_CONFIG_CUE_RESET_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xD2	AIRLITE_CONFIG_CUE_RESET_EVENT
9:2	MODULE[8..1]		bit 0: CUE_RESET_ENABLED_BY_LINE
			bit 1: CUE_RESET_ENABLED_BY_MIC_USB_VOIP
			bit 2: CUE_RESET_ENABLED_BY_FADER
			bit 3: CUE_RESET_ENABLED_BY_ON
			bit 4: CUE_RESET_ENABLED_BY_FADER_AND_ON

4.3.6 AIRLITE_CONFIG_ON_AIR_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xD3	AIRLITE_CONFIG_ON_AIR_EVENT
9:2	MODULE[8..1]		bit 0: ON_AIR1_ENABLED_BY_LINE
			bit 1: ON_AIR1_ENABLED_BY_MIC_USB_VOIP
			bit 2: ON_AIR2_ENABLED_BY_LINE
			bit 3: ON_AIR2_ENABLED_BY_MIC_USB_VOIP

4.3.7 AIRLITE_CONFIG_CRM_MUTE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0xD4	AIRLITE_CONFIG_CRM_MUTE_EVENT
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.3.8 AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0xD5	AIRLITE_CONFIG_CRM_AUTO_CUE_RESET_EVENT
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.3.9 AIRLITE_CONFIG_STUDIO_REMOTE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0xD6	AIRLITE_CONFIG_STUDIO_REMOTE_EVENT
4:2	MODULE[3..1]		bit 0: STUDIO_REMOTE_COUGH_ENABLE
			bit 1: STUDIO_REMOTE_COMM_ENABLE
			bit 2: STUDIO_REMOTE_COMM_PRIVATE

4.3.10 AIRLITE_CONFIG_CUE_INTERLOCK_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xD7	AIRLITE_CONFIG_CUE_INTERLOCK_EVENT
2	STATE	0x00	DISABLED
		0x01	ENABLED

4.3.11 AIRLITE_CONFIG_GPO_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xD8	AIRLITE_CONFIG_GPO_EVENT
2	GPO1-TRIGGER	0x00	OFF
		0x01	ONAIR 1
		0x02	ONAIR 2
		0x03	PHONE
		0x04	MICON
		0x05	NONSTOP
		0x06	Module 1 ACTIVE
		0x07	Module 2 ACTIVE
		0x08	Module 3 ACTIVE
		0x09	Module 4 ACTIVE
		0x0A	Module 5 ACTIVE
		0x0B	Module 6 ACTIVE
		0x0C	Module 7 ACTIVE

		0x0D	Module 8 ACTIVE
3	GPO1-INVERT	0x00	NON-INVERTED Output
		0x01	INVERTED Output
4	GPO1-TYPE	0x00	CONTINUES
		0x01	PULSE by ON
		0x02	PULSE by OFF
		0x03	PULSE by ON/OFF
5	GPO1-TIME		10(0x0A) ~ 255(0xFF) [ms]
6	GPO2-TRIGGER	0x00	OFF
		0x01	ONAIR 1
		0x02	ONAIR 2
		0x03	PHONE
		0x04	MICON
		0x05	NONSTOP
		0x06	Module 1 ACTIVE
		0x07	Module 2 ACTIVE
		0x08	Module 3 ACTIVE
		0x09	Module 4 ACTIVE
		0x0A	Module 5 ACTIVE
		0x0B	Module 6 ACTIVE
		0x0C	Module 7 ACTIVE
		0x0D	Module 8 ACTIVE
7	GPO2-INVERT	0x00	NON-INVERTED Output
		0x01	INVERTED Output
8	GPO2-TYPE	0x00	CONTINUES
		0x01	PULSE by ON
		0x02	PULSE by OFF
		0x03	PULSE by ON/OFF
9	GPO2-TIME		10(0x0A) ~ 255(0xFF) [ms]

4.3.12 AIRLITE_CONFIG_CUE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0xD9	AIRLITE_CONFIG_CUE_EVENT
5:2	DATA[n] n= {4..1}		bit[1:0]: CUE ACTIVE COLOR MODULE(n*2-1) bit[3:2]: CUE INACTIVE COLOR MODULE(n*2-1) bit[5:4]: CUE ACTIVE COLOR MODULE(n*2) bit[7:6]: CUE INACTIVE COLOR MODULE(n*2)
6	DATA5		bit[1:0]: CUE ACTIVE COLOR AUX bit[3:2]: CUE INACTIVE COLOR AUX bit[5:4]: CUE ACTIVE COLOR NON-STOP bit[7:6]: CUE INACTIVE COLOR NON-STOP
7	DATA6		bit[1:0]: CUE ACTIVE COLOR AIR bit[3:2]: CUE INACTIVE COLOR AIR
			00: OFF 01: RED 10: GREEN

4.3.13 AIRLITE_CONFIG_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0xDA	AIRLITE_CONFIG_ON_EVENT
5:2	DATA[n] n= {4..1}		bit[1:0]: ON ACTIVE COLOR MODULE(n*2-1) bit[3:2]: ON INACTIVE COLOR MODULE(n*2-1) bit[5:4]: ON ACTIVE COLOR MODULE(n*2) bit[7:6]: ON INACTIVE COLOR MODULE(n*2)
6	DATA5		bit[1:0]: ON+FADER ACTIVE COLOR MODULE 1 bit[3:2]: ON+FADER ACTIVE COLOR MODULE 2 bit[5:4]: ON+FADER ACTIVE COLOR MODULE 3 bit[7:6]: ON+FADER ACTIVE COLOR MODULE 4
7	DATA6		bit[1:0]: ON+FADER ACTIVE COLOR MODULE 5 bit[3:2]: ON+FADER ACTIVE COLOR MODULE 6 bit[5:4]: ON+FADER ACTIVE COLOR MODULE 7 bit[7:6]: ON+FADER ACTIVE COLOR MODULE 8
			00: OFF 01: RED 10: GREEN

4.3.14 AIRLITE_CONFIG_FADER_RESERVE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xDB	AIRLITE_CONFIG_FADER_RESERVE_EVENT
9:2	MODULE[8..1]	0x00	DISABLED (top fader = 0 dB)
		0x01	ENABLED (top fader = +10 dB)

4.3.15 AIRLITE_CONFIG_SILENCE_DETECTION_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x07	Message size
1	CMD	0xDC	AIRLITE_CONFIG_SILENCE_DETECTION_EVENT
2	THRESHOLD		Threshold value: { -40…0 } [dB]
			(Two's complement)
3	INTERVAL		Interval value: { 2..255 } [sec/min]
4	INTERVAL-UNIT	0x00	SECONDS
		0x01	MINUTES
5	SOURCE	0x00	PROG LEFT
		0x01	PROG RIGHT
		0x02	PROG STEREO
6	CONFIG	0x00	DISABLED
		0x01	ENABLED

4.3.16 AIRLITE_CONFIG_PHANTOM_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1		0xDD	AIRLITE_CONFIG_PHANTOM_EVENT
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.3.17 AIRLITE_CONFIG_MIC_AT_LINE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1		0xDE	AIRLITE_CONFIG_MIC_AT_LINE_EVENT
4:2	MODULE[3..1]	0x00	DISABLED
		0x01	ENABLED

4.3.18 AIRLITE_CONFIG_AUTO_OFF_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xDF	AIRLITE_CONFIG_AUTO_OFF_EVENT
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.3.19 AIRLITE_CONFIG_LOCKED_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xF1	AIRLITE_CONFIG_LOCKED_ON_EVENT
9:2	MODULE[8..1]	0x00	DISABLED
		0x01	ENABLED

4.3.20 AIRLITE_CONFIG_PGM_AUTO_OFF_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xF2	AIRLITE_CONFIG_PGM_AUTO_OFF_EVENT
9:2	MODULE[8..1]		Bit 0: ENABLED_BY_LINE
			Bit 1: ENABLED_BY_MIC_USB_VOIP

4.3.21 AIRLITE_CONFIG_MIC_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xF3	AIRLITE_CONFIG_MIC_ON_EVENT
2	TRIGGER	0x00	Mic On
		0x01	OnAir 1
		0x02	OnAir 2

4.3.22 AIRLITE_STATE_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xE0	AIRLITE_STATE_ON_EVENT
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

4.3.23 AIRLITE_STATE_CUE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xE1	AIRLITE_STATE_CUE_EVENT
2	DATA0		bit 0: CUE Module 1 (1: Active, 0: Inactive)
			bit 1: CUE Module 2
			bit 2: CUE Module 3
			bit 3: CUE Module 4
			bit 4: CUE Module 5
			bit 5: CUE Module 6
			bit 6: CUE Module 7
			bit 7: CUE Module 8
3	DATA1		bit 0: CUE Aux
			bit 1: CUE NonStop
			bit 2: CUE Air

4.3.24 AIRLITE_STATE_FADER_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xE2	AIRLITE_STATE_FADER_EVENT
9:2	MODULE[8..1]	0x00	INACTIVE (Fader off)
		0x01	ACTIVE (Fader on)

4.3.25 AIRLITE_STATE_AUTO_CUE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xE3	AIRLITE_STATE_AUTO_CUE_EVENT
2	AUTO-CUE-CRM	0x00	AUTO CUE CRM INACTIVE
		0x01	AUTO CUE CRM ACTIVE
3	AUTO-CUE-ANN	0x00	AUTO CUE ANNOUNCER INACTIVE
		0x01	AUTO CUE ANNOUNCER ACTIVE

4.3.26 AIRLITE_STATE_SRC_SEL_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xE4	AIRLITE_STATE_SRC_SEL_EVENT
9:2	MODULE[8..1]	0x00	LINE
		0x01	MIC/USB/VoIP

4.3.27 AIRLITE_STATE_NON_STOP_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xE5	AIRLITE_STATE_NON_STOP_EVENT
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.3.28 AIRLITE_STATE_MIC_ON_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xE6	AIRLITE_STATE_MIC_ON_EVENT
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.3.29 AIRLITE_STATE_GPO_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xE7	AIRLITE_STATE_GPO_EVENT
2	GPO1	0x00	INACTIVE
		0x01	ACTIVE
3	GPO2	0x00	INACTIVE
		0x01	ACTIVE

4.3.30 AIRLITE_STATE_ON_AIR_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x04	Message size
1	CMD	0xE8	AIRLITE_STATE_ON_AIR_EVENT
2	ON-AIR1	0x00	INACTIVE
		0x01	ACTIVE
3	ON-AIR2	0x00	INACTIVE
		0x01	ACTIVE

4.3.31 AIRLITE_STATE_SILENCE_DETECTION_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xE9	AIRLITE_STATE_SILENCE_DETECTION_EVENT
2	STATE	0x00	IDLE
		0x01	ALARM

4.3.32 AIRLITE_METERING_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0xF0	AIRLITE_METERING_EVENT
7:2	DATA		Bit[5:0]: Integer part of dB-value {0..55} represents -50dB…+5dB
	2: PROG_L		
	3: PROG_R		Bit[7:6]: Decimal part of dB-value
	4: PHONES_L		[00] +0.00 dB
	5: PHONES_R		[01] +0.25 dB
	6: CRM_L		[10] +0.50 dB
	7: CRM_R		[11] +0.75 dB

4.3.33 AIRLITE_STATE_MODULE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xEA	AIRLITE_STATE_MODULE_EVENT
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

4.3.34 AIRLITE_AUTHENTICATE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x08	Message size
1	CMD	0xFA	AIRLITE_AUTHENTICATE_EVENT
2	KEY		Key id { 1 .. 16 } Keys are stored inside the Airlite.
3	PART		Part id { 0 .. 3 } of 16-byte data block
7:4	DATA[3..0]		Encryption data (AES encryption is used)

4.3.35 AIRLITE_STATE_CRM_MUTE_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xEB	AIRLITE_STATE_CRM_MUTE_EVENT
2	STATE	0x00	INACTIVE
		0x01	ACTIVE

4.3.36 AIRLITE_STATE_TRACK_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xEC	AIRLITE_STATE_TRACK_EVENT
9:2	MODULE[8..1]	0x00	TRACK STOPPED
		0x01	TRACK PLAYING
		0x02	TRACK ENDING

4.3.37 AIRLITE_STATE_COMM_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0xCB	AIRLITE_STATE_COMM_EVENT
4:2	MODULE[3..1]	0x00	INACTIVE
		0x01	ACTIVE

4.3.38 AIRLITE_STATE_COUGH_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x05	Message size
1	CMD	0xCC	AIRLITE_STATE_COUGH_EVENT
4:2	MODULE[3..1]	0x00	INACTIVE
		0x01	ACTIVE

4.3.39 AIRLITE_STATE_VT_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x0A	Message size
1	CMD	0xCD	AIRLITE_STATE_VT_EVENT
9:2	MODULE[8..1]	0x00	INACTIVE
		0x01	ACTIVE

NOTE: Only available for module 1, 2, 3, and 8.

4.3.40 AIRLITE_STATE_PHONE_RINGING_EVENT

Byte	Symbol	Value	Description
0	SIZE	0x03	Message size
1	CMD	0xED	AIRLITE_STATE_PHONE_RINGING_EVENT
2	STATE	0x00	INACTIVE
		0x01	ACTIVE