FLASH F70XX
7" LCD position indicators with audio

Applications

Car-OP position indicator

Hall position indicator

Display features

Up to 3 inches characters

Automatic centering

Up to 3 Digits

Viewing angle of 160 degrees

16 Millions Colors

1024 x 600 resolution

Portrait/Landscape

Audio features

3 watt amplifier

Voice annunciation

Arrival Gong

Fully configurable (WAV/MP3)

External speaker

TO ORDER :

F70XX

Input
"0" : Discrete
"2" : CanBus
"6" : CanBus + vPixel

Voice
"0": None
"1": Arrival gong
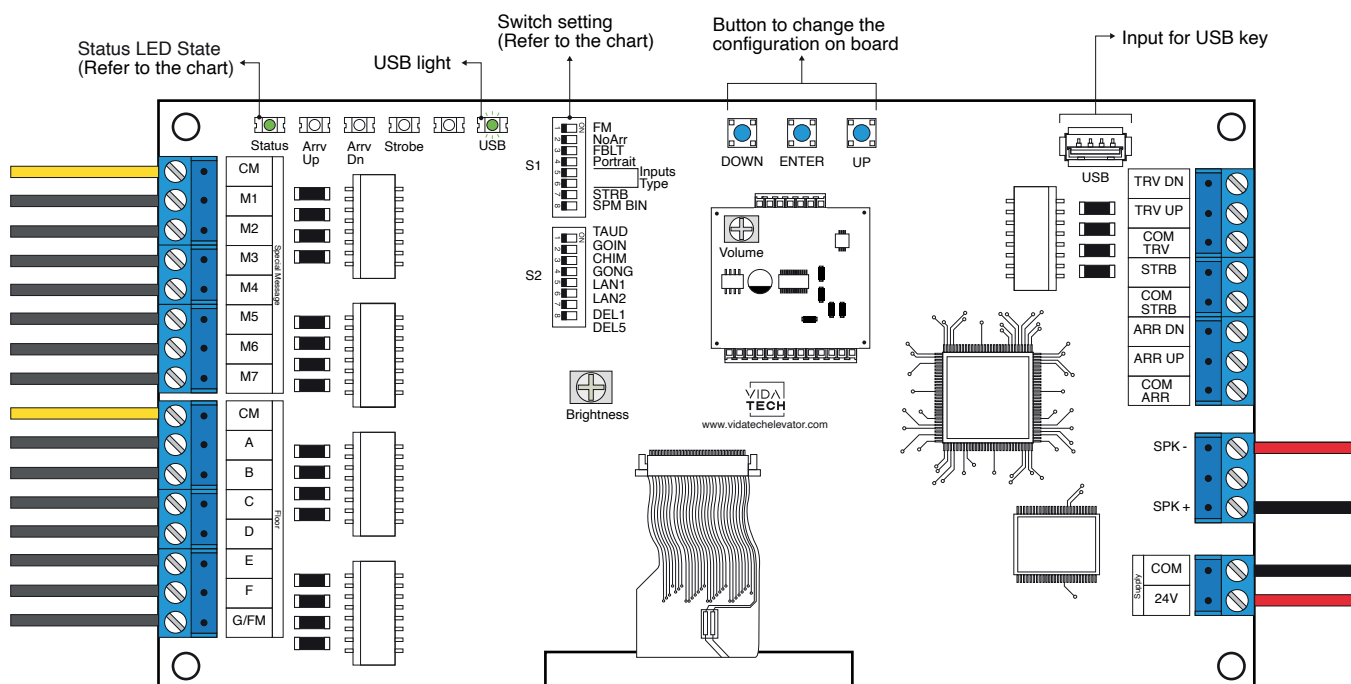"2": Voice

F701X - Binary 7" LCD indicator

F7010
Binary 7" LCD indicator

No voice

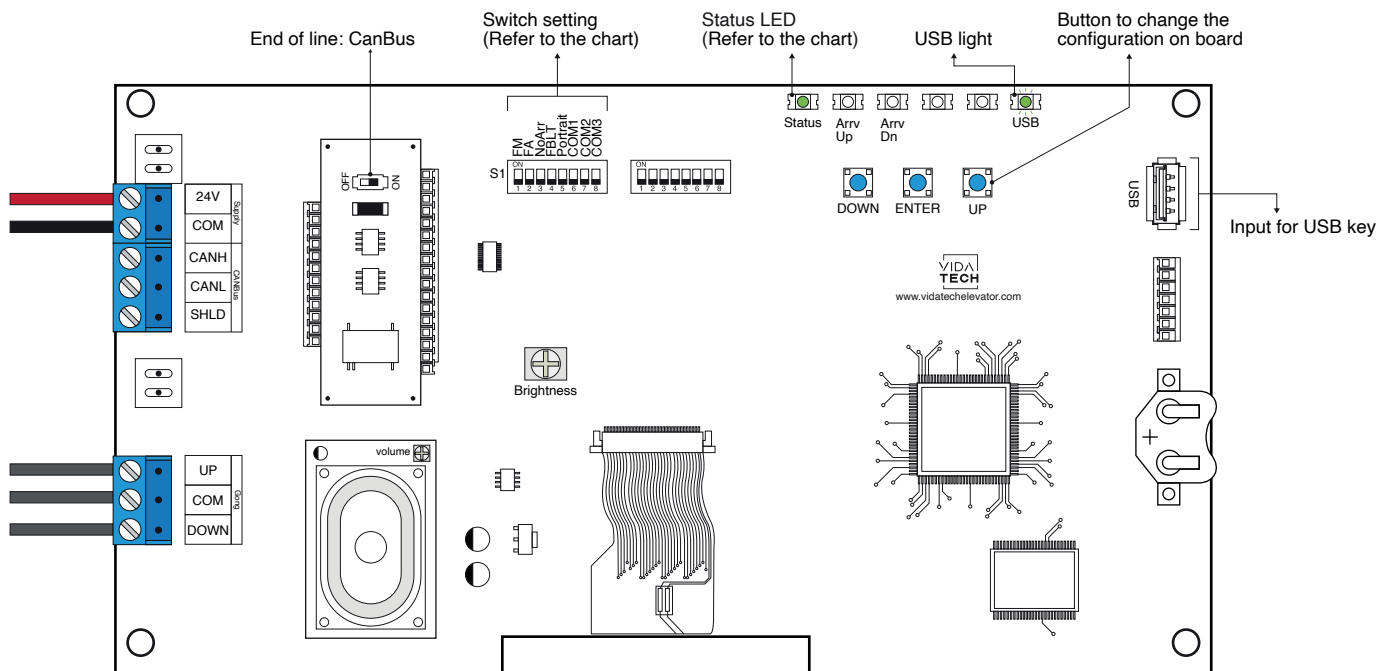## F7012
Binary 7" LCD indicator
with voice

With voice

Status LED State
(Refer to the chart)

USB light

Switch setting
(Refer to the chart)

Button to change the
configuration on board

Input for USB key

Status   Arrv   Arrv   Strobe   USB
          Up   Dn

CM
M1
M2
M3
M4
M5
M6
M7

Special Message

CM
A
B
C
D
E
F
G/FM

Floor

S1
FM
NoArr
FBLT
Portrait
Inputs
Type
STRB
SPM BIN

S2
TAUD
GOIN
CHIM
GONG
LAN1
LAN2
DEL1
DEL5

DOWN   ENTER   UP

Volume

Brightness

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USB

TRV DN
TRV UP
COM TRV
STRB
COM STRB
ARR DN
ARR UP
COM ARR

SPK -
SPK +

COM
24V

Supply

• Supply must be between 16VDC to 28VDC.

• Speaker must be 4Ω to 45Ω, 5Watts minimum.

• Up to 12 minutes 38 seconds of message time.

• Speaker wire length must be less than 500 feet to prevent noise.

• .via files are for audio configuration. Only one .via file must be present on the USB dongle.

• VCI, VIA and Visual files must be placed on the root of a USB dongle, then connected to a powered indicator until the USB light stops blinking.

• Volume of the voice annunciator is controlled by "volume" potentiometer.

• Brightness of the LCD is controlled by "brightness" potentiometer.

• Must be installed in COP or hall fixtures.

• To get the actual configuration of the indicator, connect a void USB dongle, then the configuration will upload into the dongle.

• You can modify the stair digit displayed by the indicator by modifying the .vci file with the Storm software, available on our website.

• You can modify the visual configuration with the Storm software available on our website.

• Switch setting :

SW #	#	Text	Description			
S1	1	FM	ON -> Blank the display in fire mode			
	2	NoArr	ON -> Blank the arrow			
	3	FBLT	ON -> 100% backlight intensity OFF -> 80% backlight intensity (Backlight life enhanced)			
	4	Portrait	ON -> Portrait mode (If existing within the config)			
			Binary	1 Wire/Floor	Gray Code	N/A
	5	Input		●		●
	6				●	●
	7	STRB	ON -> Strobe active Low OFF -> Strobe active High			
	8	SPM BIN	ON -> Binary OFF -> 1 wire per message			
S2	1	TAUD	ON -> Play all audio file saved in memory			
	2	GOING	ON -> Going Up/Dn active			
	3	CHIM	ON -> Passing Chime active			
	4	GONG	ON -> Cabin gong active			
	Language		French	English	1 - French 2 - English	1 - English 2 - French
	5	LAN1		●		●
	6	LAN2			●	●
	7	DEL1	ON -> Add 0.5 second of silence after the strobe			
	8	DEL.5	ON -> Add 1 second of silence after the strobe			

F702X – CANBus 7" LCD indicator

F7021
CANBus 7" LCD indicator
with gong

No voice

End of line: CanBus

Switch setting
(Refer to the chart)

Status LED
(Refer to the chart)

USB light

Button to change the
configuration on board

Status

Arrv
Up

Arrv
Dn

USB

DOWN   ENTER   UP

USB

Input for USB key

S1

24V   Supply
COM
CANH   CANBus
CANL
SHLD

UP   Gong
COM
DOWN

volume

Brightness

FM
FA
NoArr
FBLT
Portrait
COM1
COM2
COM3

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TECH
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- Supply must be between 16VDC to 30VDC.

- Must be installed in COP

- Brightness of the LCD is controlled by " brightness " potentiometer.

- Press " ENTER " to go the main menu of the LCD, then navigate with " UP/DOWN " switches. Refer to F7022 operation manual on our website.

- To activate Gong option, user must program floor adress in the menu.

- Switch setting :

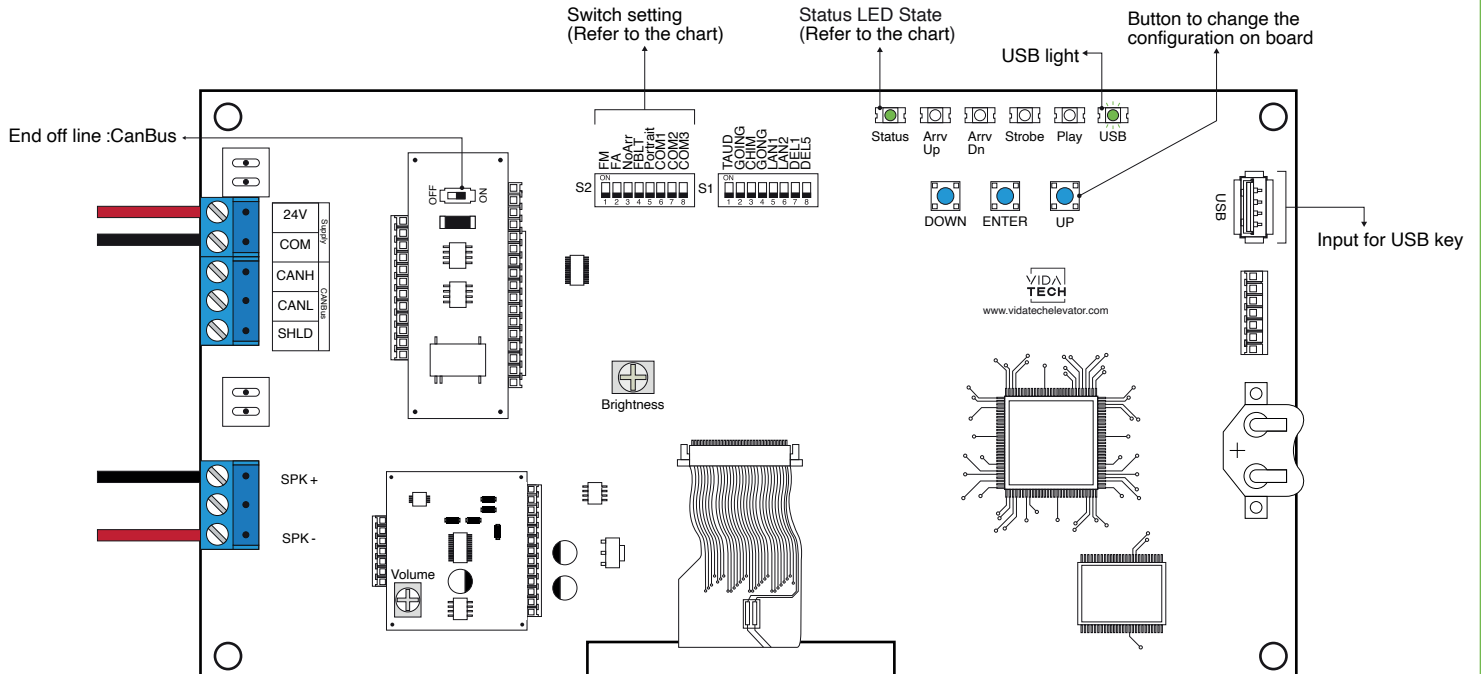| SW #	#	Text	Description					
S1	1	FM	ON -> Blank the display in fire mode					
	2	FA	ON -> Blank the display in fire alternate mode					
	3	NoArr	ON -> Blank the arrow					
	4	FBLT	ON -> 100% backlight intensity OFF -> 80% backlight intensity (Backlight life enhanced)					
	5	Portrait	ON -> Portrait mode (If existing within the config)					
	Communication		CAN Vidatech	CAN JRT	CAN GAL	CAN elevator controls	CAN TKE	CAN Smartrise
	6	COM1		●		●		●
	7	COM2			●	●		
	8	COM3					●	●

F702X – CANBus 7" LCD indicator

F7020
CANBus 7" LCD indicator
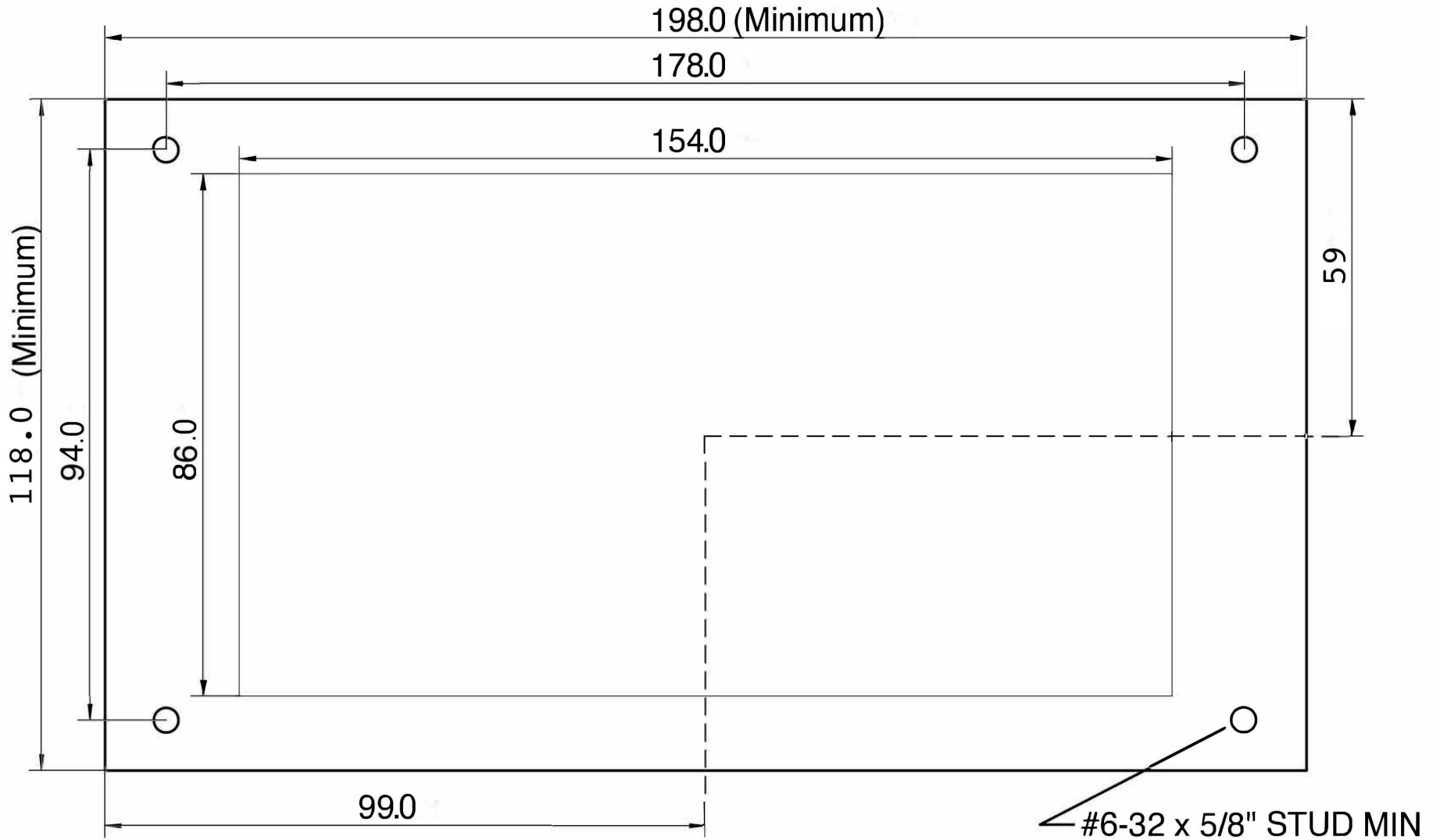
No voice

F7022
CANBus 7" LCD indicator
with voice

With voice

Switch setting
(Refer to the chart)

Status LED State
(Refer to the chart)

Button to change the
configuration on board

USB light

End off line :CanBus

Status   Arrv   Arrv   Strobe   Play   USB
         Up   Dn

S2   S1

FM
FA
NoArr
FBL
Portrait
COM1
COM2
COM3

TAUD
GOING
CHIM
GONG
LAN1
LAN2
DEL1
DEL5

DOWN   ENTER   UP

USB

Input for USB key

24V
COM
CANH
CANL
SHLD

Supply

CANBus

Brightness

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SPK +

SPK -

Volume

- Supply must be between 16VDC to 28VDC.

- Speaker must be 4Ω to 45Ω, 5Watts minimum.

- Up to 12 minutes 38 seconds of message time.

- Speaker wire length must be less than 500 feet to prevent noise.

- .via files are for audio configuration. Only one .via file must be present on the USB dongle.

- .via and visual files must be place on the root of a USB dongle, then connected to a powered voice until the USB light stops blinking.

- Must be installed in COP.

- Brightness of the LCD is controlled by "brightness" potentiometer.

- Volume of the voice annunciator is controlled by "volume" potentiometer.

- Press ENTER to go the main menu of the LCD, then navigate with UP/DOWN switches. Refer to F7022 operation manual on our website.

- Switch setting :

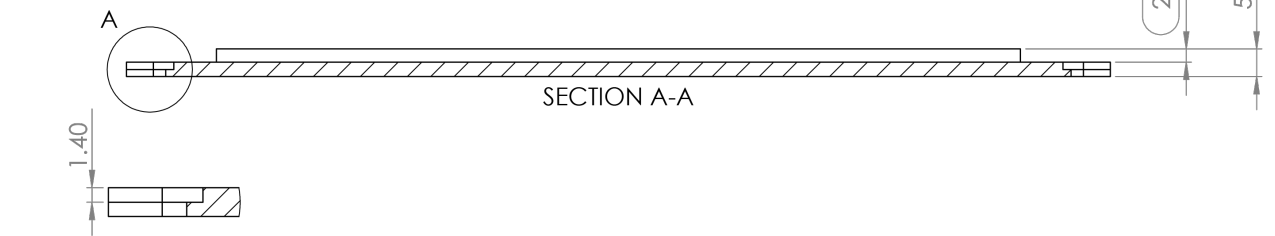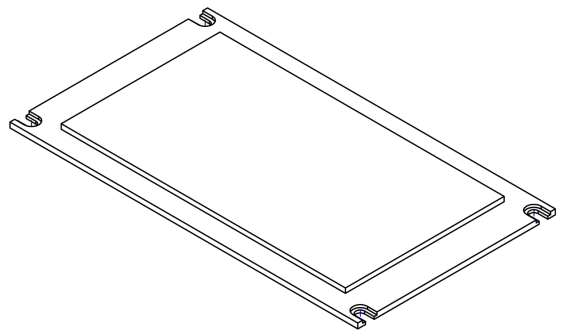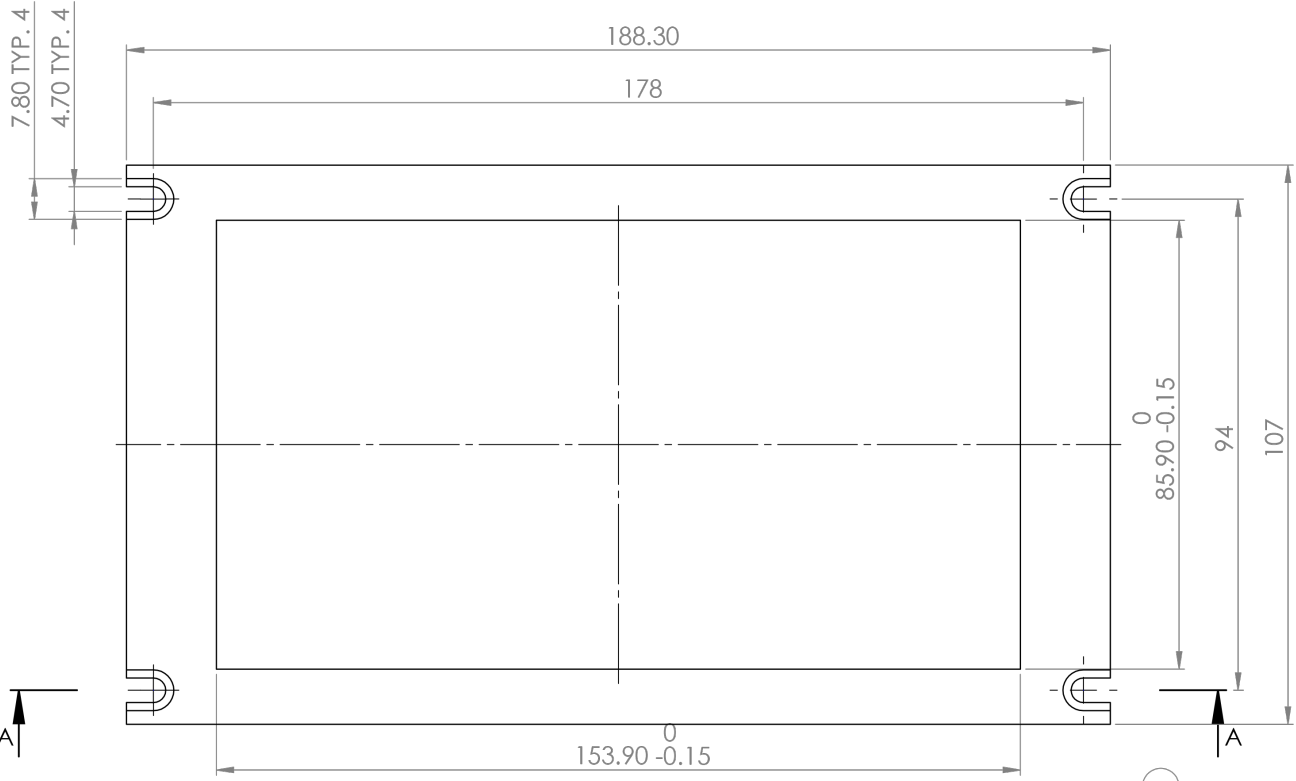| SW #	#	Text	Description			
S2	1	FM	ON -> Blank the display in fire mode			
	2	FA	ON -> Blank the display in fire alternate mode			
	3	NoArr	ON -> Blank the arrow			
	4	FBLT	ON -> 100% backlight intensity OFF -> 80% backlight intensity (Backlight life enhanced)			
	5	Portrait	ON -> Portrait mode (If existing within the config)			
		Communication	CAN Vidatech	CAN JRT	CAN GAL	
	6	COM1		●		
	7	COM2			●	
	8	COM3				
S1	1	TAUD	ON -> Play all audio file saved in memory			
	2	GOING	ON -> Going Up/Dn active			
	3	CHIM	ON -> Passing Chime active			
	4	GONG	ON -> Cabin gong active			
		Language	French	English	1 - French 2 - English	1 - English 2 - French
	5	LAN1		●		●
	6	LAN2			●	●
	7	DEL1	ON -> Add 1 second of silence after the strobe			
	8	DEL5	ON -> Add 0.5 second of silence after the strobe			

- **Play Test option** (TAUD): The device will play each voice file saved in the system in loop and will display the ASCII associated with the file playing.

- **Going Option** (GOING): The voice will play the file associated with the type « Going UP » or « Going Down » when STRB is asserted AND TRV UP or TRV DN.

- **Chime Option** (CHIM): The voice will play the file associated with the type « CHIME » each time the stair are changing.

- **Gong Option** (GONG): The voice will play the file associated with the type « Gong UP » or « Gong Down » when ARR DN or ARR UP are asserted.

198.0 (Minimum)

178.0

154.0

59

118.0 (Minimum)

94.0

86.0

99.0

#6-32 x 5/8" STUD MIN

Board thickness: 25.3 (including lens)

Title:	Face plate cutout detail Flash 7.0"		**Unit:** MM
Tolerance:	**Material:**	**Finish:**	
	Scale:	**No. piece:**	**Date:** 2021-10-01
Angular:	**Rev:** 5	**Name:** C.L	**Page:** 1/1

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188.30

178

7.80 TYP. 4

4.70 TYP. 4

0
85.90 -0.15

94

107

0
153.90 -0.15

2.54

5.30

A

A

SECTION A-A

A

1.40

DETAIL A
HOLE TYP. 4
SCALE 2 : 1

Title:	Lens for screen 7.0"		Unit: MM
Tolerance:	Material: Acrylic	Finish: Clear	
	Scale:	No. piece: A70000	Date: 2021-10-01
Angular:	Rev: 5	Name: C.L	Page: 1/1

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