

H110TX Trumpet Horn & Xenon Strobe Beacon

The H110T is a very high output electronic signal horn capable of generating a traditional 'buzzer' warning tone traditionally associated with electro-mechanical signals.

The H110TX incorporates the H110T with a 5 Joule Xenon strobe beacon. It is available in six lens colours and operating voltages from 12V dc to 230V ac.

The H110TX Xenon beacon component features an automatically synchronised flash rate of 1Hz (60 flashes per minute) as standard. The DC voltage versions also have user selectable 1.5Hz (90 flashes per minute) and double-strike flash rates. The double strike flash rate can be remotely activated via a third wire (as can alternative alarm tones on the horn sounder) enabling a audible and visual communication of a two stage alarm condition.

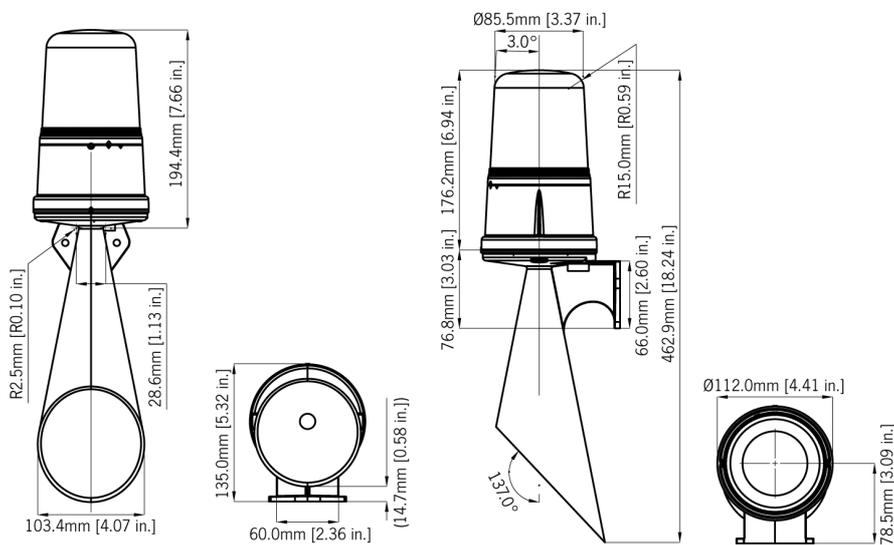
Features

- Volume control.
- Stainless steel fixings.
- Bayonet fixing lens.
- Anti-tamper locking screw.

Approvals

- GOST-R approved: POCC GB-JB05-H00144.





AUTHORIZED DISTRIBUTOR:
GasDetectorsUSA.com
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Specification

Horn:

No. of tones:	3
Output:	110 dB(A) @ 1m
No. of stages:	Alarm horn: 2, Xenon Beacon (DC only): 2
	Double strike pattern can be remotely switched
Stage switching:	DC voltage via negative AC voltage via live supply

Beacon:

Light source:	Xenon Strobe
Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
	DC units: Optionally 1.5Hz & double strike
Synchronisation:	1Hz flash rate automatically synchronised
Peak Candela:	500,000 cd - calculated from energy (J)
Effective Candela:	250 cd - calculated from energy (J)
Peak Candela:	49,778 cd* - measured ref. to I.E.S.
Effective Candela:	125 cd* - measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Lens type:	Prismatic (standard) or plain

General:

Dimensions:	462.9 x 135mm
Mounting:	Surface mount
Entries:	1 x 5-7mm push through grommet
Ingress protection:	IP65
Housing material:	High impact ABS (UL94V0 & 5VA)
Lens material:	High impact PC (UL94V0 f1)
Terminals:	0.5 to 2.5mm ²
Operating temp:	-25 to +50°C [-13° to +122 °F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	638g/1.40lbs

* SPL data +/-3dB(A). Measured at optimum voltage.

E2S Warning Signals

Candela measurement is representative of performance with clear lens at optimum voltage.

Part Codes

Version:	Part code:
12V dc/ac	H110TX012G/*
24V dc/ac	H110TX024G/*
48V dc/ac	H110TX048G/*
115V ac	H110TX115G/*
230V ac	H110TX230G/*

* = Lens colour: A: Amber, B: Blue, C: Clear, G: Green, R: Red, Y: Yellow

Horn Current Consumption

Version:	Voltage:	Current:
12V dc/ac	12V dc	52mA
12V dc/ac	12V ac 50Hz	115mA
24V dc/ac	24V dc	105mA
24V dc/ac	24V ac 50Hz	215mA
48V dc/ac	48V dc	42mA
48V dc/ac	48V ac 50Hz	68mA
115V ac	115V ac 50/60Hz	36mA
230V ac	230V ac 50/60Hz	18mA

Beacon Current Consumption

Version:	Voltage:	Current:
12V dc/ac	12V dc	500mA
12V dc/ac	12V ac 50Hz	600mA
24V dc/ac	24V dc	250mA
24V dc/ac	24V ac 50Hz	300mA
48V dc/ac	48V dc	175mA
48V dc/ac	48V ac 50Hz	250mA
115V ac	115V ac 50/60Hz	70mA
230V ac	230V ac 50/60Hz	35mA

Tone table

S 1	Description	S 2
T 1	Electro-mechanical diaphragm horn sound	T 2
T 2	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	T 1
T 3	800/1000Hz @ 7Hz Sweeping	T 2

T 2 15 Dec. 2014