

H110TR Trumpet Horn & Rotating 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 H110TR incorporates the H110T with a halogen rotating beacon. It is available in six lens colours and operating voltages from 12V dc to 230V ac.

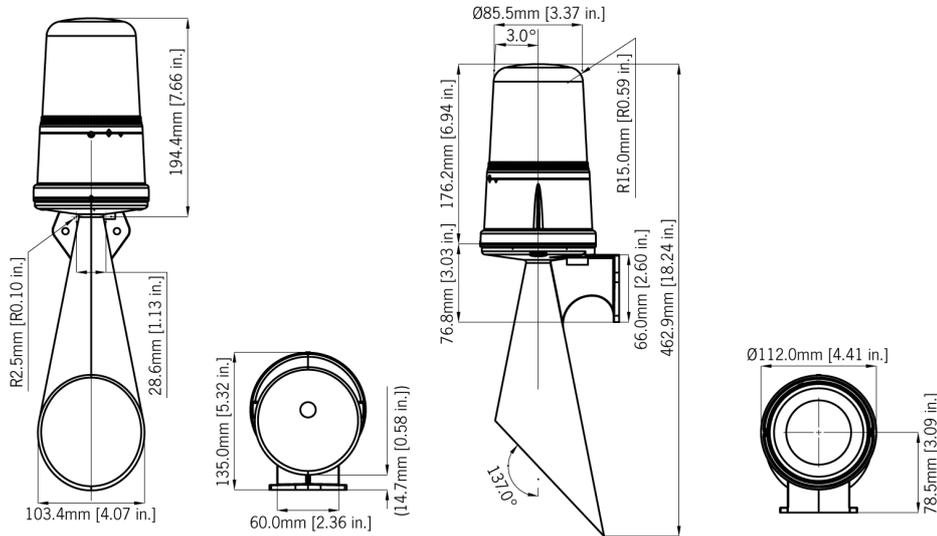
Features

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

Approvals

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





Specification

Horn:

No. of tones:	3
Output:	110 dB(A) @ 1m [101dB(A) @ 10ft/3m]
Stages:	Remotely selectable second stage
Stage switching:	DC voltage via negative AC voltage via live supply

Beacon:

Light source:	Halogen Lamp G6,35/GY6,35
Light output:	20/25W
Peak Candela:	821 cd
Candela:	125 cd* (peak/effective intensity)
Rotation speed:	180RPM (+/-30RPM)
Drive life:	>5,000 hrs
Duty cycle:	100%

Lens colours: Amber, Blue, Clear, Green, Red & Yellow

Lens type: 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 1.5mm 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:	678g/1.49lbs

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

*Candela measurements representative of performance with clear lens at optimum voltage.

Part Codes

Version:	Wattage:	Part code:
12V dc	20W	H110TR012G/*
24V dc	20W	H110TR024G/*
115V ac	25W	H110TR115G/*
230V ac	25W	H110TR230G/*

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

Horn Current Consumption

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

Beacon Current Consumption

Version:	Voltage:	Current:
12V dc	12V dc	1.72A
24V dc	24V dc	910mA
115V ac	115V ac 50/60Hz	216mA
230V ac	230V ac 50/60Hz	117mA

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

AUTHORIZED DISTRIBUTOR:
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E2S Warning Signals

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.

15 Dec 2014