



PUI audio



Data Sheet

AW-10PR

Specifications

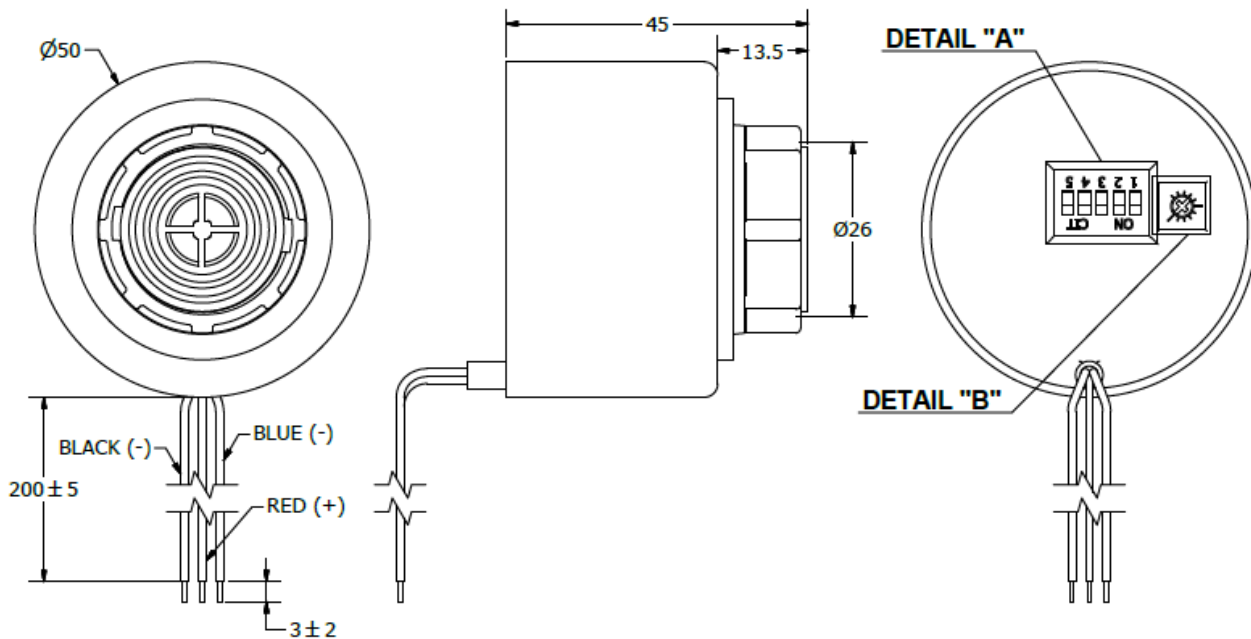
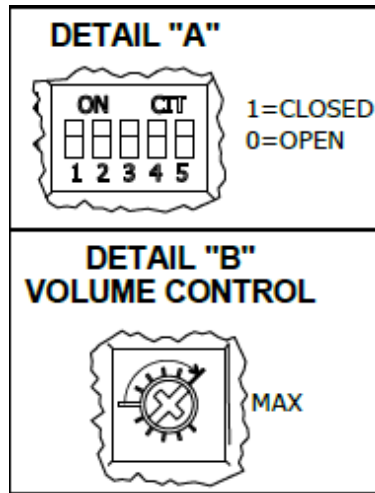
Parameters	Values	Units
Rated Voltage	24	Vdc
Operating Voltage Range	9 ~ 28	Vdc
Case Material/Color	ABS/Red	-
Terminal	LEAD WIRE	AWG 24
Weight	95	Grams
Ingress Protection Rating	IP65	-
Environmental Compliances	RoHS/REACH	-
Operating Temperature	-10 ~ +60	°C

Tone Chart

Tones table							Askari			
(1)	(2)	Pattern	Frequency Hz	Rate	Main Application	Panel		Flange		
						mA	dB(A)	mA	dB(A)	
1	14	11111	Alternating 800 & 970	2Hz (250ms-250ms)	BS Fire tone	12	93	12	93	
2	14	11110	Sweep 800 to 970	7Hz (7/s)	BS Fire tone	14	97	12	92	
3	14	11101	Sweep 800 to 970	1Hz (1/s)	BS Fire tone	12	97	12	94	
4	14	11100	Continuous 2850	Steady	General Purpose	31	98	32	95	
5	4	11011	Sweep 2400 to 2850	7Hz	General Purpose	36	94	40	100	
6	4	11010	Sweep 2400 to 2850	1Hz	General Purpose	35	104	41	102	
7	14	11001	Slow whoop 500 to 1200	3s sweep, 0.5 s silence, then repeat	Dutch fire (NEN 2575)	12	106	14	95	
8	14	11000	Sweep (DIN) 1200 to 500	1Hz	German fire (DIN 33 404)	15	99	15	94	
9	4	10111	Alternating 2400 & 2850	2Hz (250ms-250ms)	General Purpose	29	98	33	97	
10	14	10110	Intermittent 970	0.5Hz (1s On/1s Off)	PFEER alert	10	99	12	92	
11	14	10101	Alternating 800 & 970	1Hz (500ms-500ms)	BS Fire	12	93	12	92	
12	4	10100	Intermittent 2850	0.5Hz (1s On/1s Off)	General Purpose	20	94	28	94	
13	14	10011	Intermittent 970	0.8Hz (250ms On/1s Off)	General Purpose	6	92	6	92	
14	1	10010	Continuous 970	Steady	PFEER toxic gas	14	93	12	92	
15	14	10001	Alternating 554 & 440	100ms-400ms	French fire (NFS 32-001)	17	98	15	94	
16	19	10000	Intermittent 660	3.3Hz (150ms On/150ms Off)	Swedish (Air Raid)	8	95	7	92	
17	19	01111	Intermittent 660	0.28Hz (1.8s On/1.8s Off)	Swedish (Local warning)	8	96	9	93	
18	19	01110	Intermittent 660	0.05Hz (13s Off / 6.5s On)	Swedish (Pre-mess)	12	96	10	93	
19	1	01101	Continuous 660	Steady	Swedish (All clear)	12	96	10	93	
20	19	01100	Alternating 554 & 440	0.5Hz (1s On/1s Off)	Swedish (Turn out)	16	98	15	94	
21	14	01011	Intermittent 660	1Hz (500ms-500ms)	Swedish general purpose	8	96	9	93	
22	14	01010	Intermittent 2850	4Hz (150ms On/100ms Off)	Pelican crossing	20	93	18	94	
23	14	01001	Sweep 800 to 970	50Hz	BS Fire tone	13	96	12	92	
24	4	01000	Sweep 2400 to 2850	50Hz	General Purpose	36	104	41	99	
25	14	00111	Intermittent 970	3 x 500ms pulses, 1.5s silence, then repeat	ISO 8201	9	93	9	92	
26	14	00110	Intermittent 800 to 970	3 x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	7	98	8	93	
27	14	00101	Intermittent 970 & 800	3 x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	8	92	8	92	
28	10	00100	Alternating 800 & 970	2Hz (250ms-250ms)	BS Fire tone	12	93	11	92	
29	988Hz	00011	Alternating 990 & 650	2Hz (250ms-250ms) (Symphoni tones)	BS Fire tone	22	97	16	96	
30	510Hz	00010	Alternating 510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)	BS Fire tone	16	96	15	93	
31	14	00001	Sweep 300 to 1200	1Hz	General Purpose	23	99	20	94	
32	510Hz	00000	Alternating 510 & 610	1Hz (500ms-500ms)	BS Fire tone	17	96	16	94	

*Although the device is functionally IP65 compliant, excessive contamination and / or fluid build-up between the sounding element and the plastic enclosure may result in a reduction of performance. Depending on environment routine inspection / maintenance of the device may be recommended accordingly. It is also advised that after any cleaning process excessive water is removed from between the sounding element and the plastic enclosure e.g. by use of a clean air aerosol. Switches & terminal block are located on the rear surfaces. The AP must be mounted through the surface of a suitable IP 65 housing. The AF rear surface must be protected from water / dust ingress. The supply cable and tube must be protected from water and dust ingress.

Dimensions



Specifications Revisions

Revision	Description	Date	Approved
-	Released from Engineering	12/21/2005	-
A	Added Volume Control & Tone Switches	12/19/2006	R.W.
B	Revised Lead Wire Dimensions	12/20/2006	R.W.
C	Revised RoHS Note	05/21/2007	R.W.
D	Revised Detail "A" DIP Switch	03/11/2009	B.R.
E	Revised to Inventor 3-D Drawing Template	05/20/2010	B.R.
F	Update Spec Format, Add Wire Gauge, Add Tone Chart	05/29/2024	M.L.

Note:

- Unless otherwise specified:
 - All dimensions are in millimeters.
 - Default tolerances are $\pm 0.5\text{mm}$ and angles are $\pm 3^\circ$.
- Specifications subject to change or withdrawal without notice.