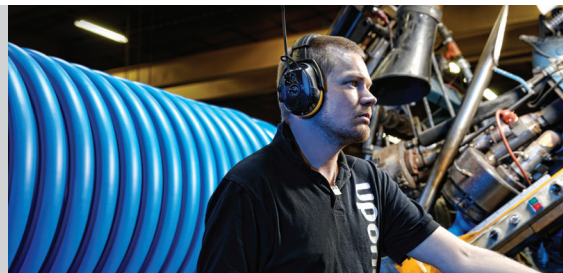


Technical datasheet

SECURE 2H REACT, 46002-001

SECURE 2C REACT, 46102-001



DESCRIPTION

With REACT you can listen to AM/FM radio and communicate with your colleagues while still being protected from harmful noise. Level Dependent microphones in each earcup ensure excellent directional hearing, offers natural sounds and enable you to hear conversations, warning signals and other important information without compromising protection.

REACT is flexible to your situation. As the Level Dependent and radio functions are controlled independently you can tailor your hearing environment for perfect safety, operation and enjoyment.

- Level Dependent microphones and AM/FM radio
- Easy to reach frequency control and manual tuning
- Automatic frequency control will lock on to your favorite radio station for best reception available



APPLICATIONS

REACT can be used for a variety of applications. The main purpose of the Level Dependent functions is to protect against impulsive or intermittent hazardous noise whilst allowing situational awareness.

The radio is suitable particularly for monotonous and stationary work tasks in noisy areas. The purpose of the radio is to increase motivation and efficiency.



TECHNICAL DATA

Batteries	2 x 1,5 V AA (minimum 120 hours of use)
Weight	Headband 382g, Cap mounted 412g
Sound reproduction	Stereo
Radio	FM: 88-108 MHz, AM: 540-1700 KHz
Approved to European standards	EN 352-1,3,4,6,8
Approved to North American standards	ANSI S3.19-1974

ATTENUATION DATA

SECURE 2H REACT, EN 352-1:2002, H-34, M-27, L-20, SNR 30

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Att.	21,0	18,4	21,1	27,7	36,9	36,1	42,1	38,8
Std. dev	6,3	4,5	4,2	3,5	4,0	3,6	3,5	5,4
APV	17,7	13,9	16,9	24,2	32,9	32,5	38,6	33,4

SECURE 2H REACT, ANSI S3.19-1974, NRR 24, CSA A

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Att.	19.9	21.8	27.7	35.4	36.9	39.3	43.1	43.2	42.1
Std. dev	4.1	2.5	2.8	4.1	3.9	4.6	4.6	3.1	3.1

SECURE 2C REACT, EN 352-3:2002, H-33, M-26, L-19, SNR 29

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Att.	17,8	16,3	19,5	26,9	34,3	33,8	41,8	37,4
Std. dev	4,2	4,0	3,2	3,1	4,0	2,9	3,3	3,8
APV	13,6	12,3	16,3	23,8	30,3	30,9	38,5	33,6

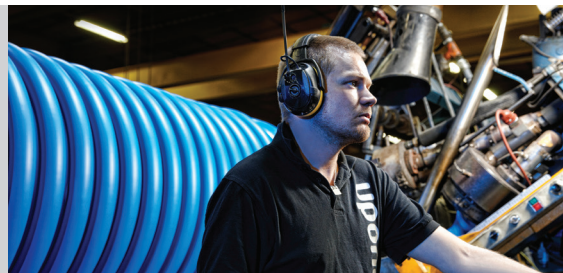
SECURE 2C REACT, ANSI S3.19-1974, NRR 23, CSA A

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Att.	17.4	19.5	27.3	32.6	34.0	36.6	39.3	42.5	40.1
Std. dev	3.5	2.4	3.1	3.5	2.7	3.5	3.4	4.1	4.7

Technical datasheet

SECURE 2H REACT, 46002-001

SECURE 2C REACT, 46102-001



MATERIAL DATA

Part	Material
1 Headband	POM
2. Helmet arm	POM
3. Slot adaptor	PA 66
4. Earcups	ABS
5. Ear cushion	Polyeter & PVC-foil
6 Headband cushion	Polyether & Lycra
7. Foam liner	Polyether
8. Knobs	ABS & TPE

ORDER INFORMATION

Part no	Description
46002-001	SECURE 2H REACT
46102-001	SECURE 2C REACT

ACCESSORIES

Part	Description
99403	SECURE hygiene kit electronics
99900	FRESH sweat absorber
20902-001	SECURE SAFE1 carrier
20901-001	SAFE2 standard carrier
20901-010	SAFE2 standard low peak carrier
20901-501	SAFE2 flex carrier
20901-510	SAFE2 flex low peak carrier

MAINTENANCE

Hearing protectors should be inspected prior to use for damage or deterioration. Damaged or worn parts should be replaced prior to use. The noise reduction will only be obtained if the earmuffs are in good order and worn as directed. Ear muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage. Hygiene kit/cushions should be replaced twice a year or when the cushion show signs of damage or hardening.

For better comfort there are sweat absorbers that absorbs sweat and moisture. Remember that use of absorbers over the ear cushions can reduce the hearing protector's noise attenuation properties.

WARNING

The reported attenuation will be obtained only if the protector is in good condition and worn as directed.

The sound attenuation of hearing protectors in the field may differ from from that obtained in laboratory testing due to incorrect fitting. Noise reduction will be also be adversely affected by anything that impairs the seal of the earmuff cushions against the head, such as thick spectacle frames, balaclavas etc.

The protection must always be used in noisy environments. A hearing protection with an attenuation of 30dB will only give you a protective effect of 12dB if removed 30 minutes during an 8 hour working day.

