

## PRODUCT DATA SHEET

- SECURE 2H ACTIVE 47002-001
- SECURE 2C ACTIVE 47102-001



# SECURE ACTIVE

## Level Dependent

ACTIVE allows you to communicate with your colleagues, hear warning signals and other important information while protected from hazardous noise.

The level dependent microphones provide perfect directional hearing and the electronic protection system limits all sounds through the speakers to a safe sound level (82 dB). The replaceable headband and ear cushions encourage regular replacement for a long lasting and high performing product.

- Level Dependent microphones provides natural sound quality
- Soft cushions with Smart “Snap-In” System for easy replacement
- Includes 2 x 1,5 V AA batteries for up to 1000 hours of use
- External 3.5 mm audio input



### LEVEL DEPENDENT “ACTIVE LISTENING”

Microphones in each ear cup allows you to communicate with your colleagues and stay alert to warning signals.



### 3,5 MM AUDIO INPUT

Connect to communication radios or other audio devices.



### PATENTED SPEAKER DESIGN

The unique speaker design offers a great listening experience.



### HEADBAND

Features a comfortable headband cushion with “snap in” system for easy replacement. Smooth single point telescopic size adjustment.



### CAP/HELMET MOUNT

Compatible with most common safety helmets. Slim design with reduced risk of snagging.



### SECURE 2

For work environments with a medium to high noise level (dB) Best choice in high frequency noise (Hz).

# SECURE ACTIVE

Level Dependent

### PARTS

|                     |                     |
|---------------------|---------------------|
| 1. Headband cushion | Polyether & Lycra   |
| 2. Headband         | POM                 |
| 3. Ear cushion      | Polyeter & PVC-foil |
| 4. Foam liner       | Polyether           |
| 5. Ear cups         | ABS                 |
| 6. Knobs            | ABS & TPE           |

- 7. Level Dependent “Active Listening” microphones
- 8. On/Off-Volume knob for Level Dependent function
- 9. 3,5 mm input for connection to external sound sources
- 10. Battery lid

### TECHNICAL DATA

|                    |                                      |
|--------------------|--------------------------------------|
| Batteries          | 2 x 1,5 V AA (min. 800 hours of use) |
| Sound reproduction | Stereo                               |

### ORDER INFORMATION

| Part no   | Description      |
|-----------|------------------|
| 47002-001 | SECURE 2H ACTIVE |
| 47102-001 | SECURE 2C ACTIVE |

### ACCESSORIES

| Part no | Description                    |
|---------|--------------------------------|
| 99403   | SECURE hygiene kit electronics |
| 99900   | FRESH sweat absorber           |

### ATTENUATION DATA

CE1974

| 2H ACTIVE, EN 352-1:2002, H- 34dB, M-27dB, L-20dB, SNR 30dB, Weight 372g |      |      |      |      |      |      |      |      |  |  |
|--------------------------------------------------------------------------|------|------|------|------|------|------|------|------|--|--|
| 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 |  |  |

| 2C ACTIVE, EN 352-3:2002, H-33dB, M-26dB, L-19dB, SNR 29dB, Weight 402g |      |      |      |      |      |      |      |      |  |  |
|-------------------------------------------------------------------------|------|------|------|------|------|------|------|------|--|--|
| 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 |  |  |



### ANSI

| 2H ACTIVE, ANSI S3.19-1974, NRR 24dB, CSA A, Weight 13.12oz |      |      |      |      |      |      |      |      |      |  |
|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--|
| 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  |  |

| 2C ACTIVE, ANSI S3.19-1974, NRR 23dB, CSA A, Weight 14.18oz |      |      |      |      |      |      |      |      |      |  |
|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--|
| 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  |  |