

SAVOX

Savox Noise-COM 300 Savox Noise-COM 300 Cap

Key features

- Hearing protection headset with direct connection to the communication radio
- PTT (push-to-talk) button on the left cup
- Helmet attachment and headband variants
- Operates without battery, no need for charging
- Offers reliable communication in demanding noisy environments
- High attenuation of 30 – 32 dB depending on variant
- Boom microphone with excellent background noise-cancelling
- Made in Finland

Market Segment

Industry

Weight

| | |
|----------|------|
| Headband | 339g |
| Cap | 347g |

Materials

| | |
|-----------------------|---|
| Cups | ABS+PA |
| Cushions | Flexible foam |
| Headband models | Spring steel, cover material PVC foil with foam filling |
| Helmet mounted models | Plastic and stainless steel (adjustment) |

Product codes

Product name

Radio compatibility

| | | |
|-------------|-----------------------------|-------------------------|
| K6100100410 | Savox Noise-COM 300 M12 | Motorola MXP-600, R7 |
| K6100100420 | Savox Noise-COM 300 M12 Cap | |
| K6100100610 | Savox Noise-COM 300 M11 | Motorola DP3441e, 3661e |
| K6100100620 | Savox Noise-COM 300 M11 Cap | |
| K6100100810 | Savox Noise-COM 300 K1 | Kenwood 2-pin |
| K6100100820 | Savox Noise-COM 300 K1 Cap | |
| K6100101010 | Savox Noise-COM 300 SP2 | Sepura SC2X |
| K6100101020 | Savox Noise-COM 300 SP2 Cap | |
| K6100101210 | Savox Noise-COM 300 S3 | ICOM 2-pin (lockable) |
| K6100101220 | Savox Noise-COM 300 S3 Cap | |
| 6008254 | Hygiene kit | |



Savox Communications Oy Ab (Ltd)

Keilaranta 15 B
02150 Espoo, Finland

Hearing Protector Attenuation

| | | |
|----------|------------------|----------------------------------|
| Headband | EN 352-1:2020 | SNR=29dB, H=32dB, M=26dB, L=19dB |
| | ANSI S3.19-1974 | NRR=24dB |
| | AS/NZS 1270:2002 | SLC80=30,3dB, Class 5 |
| Cap | EN 352-1:2020 | SNR=29dB, H=32dB, M=26dB, L=19dB |
| | ANSI S3.19-1974 | NRR=24dB |
| | AS/NZS 1270:2002 | SLC80=26,2dB, Class 5 |

Headband force

| | | |
|----------|------------------|-----------------------------|
| Headband | EN 352-1:2020 | S=9,6 N, M=10,3 N, L=10,2 N |
| | ANSI S3.19-1974 | Lbs 2,3 |
| | AS/NZS 1270:2002 | S=10,2 N, M=10,2 N, L=9,8 N |
| Cap | EN 352-3:2020 | S=8,7 N, M=9,9 N, L=10,0 N |
| | ANSI S3.19-1974 | Lbs 2,2 |
| | AS/NZS 1270:2002 | S=9,8 N, M=9,3 N, L=9,8 N |

Cushion pressure

| | |
|----------|--|
| Headband | S = 2467.3 P, M = 2563.0 P, L = 2581.1 |
| Cap | S = 2726.6 P, M = 2902.1 P, L = 2968.8 |

Compliance and approvals

The product fulfills the requirements of the following Regulations and Directives:

| | |
|--|----------------------------|
| Regulation on Personal Protective Equipment | 2016/425/EU |
| Radio Equipment Directive | 2014/53/EU |
| Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment | 2011/65/EU + (EU) 2015/863 |

CE marking is based on the fulfilling of the requirements of the following harmonized standards:

| | | | |
|------|---------------|-------|------------|
| PPE: | EN 351-1:2020 | RoHS: | 63000:2018 |
| | EN 352-3:2020 | | |
| | EN 352-6:2020 | | |

| Noise-COM 300 (mass: 339g) | | TESTED IN ACCORDANCE WITH EN 352-3:2020 | | | | | | | |
|----------------------------|------------------|---|------|----------------|------------------|----------------|----------------|----------------|----------------|
| Frequency, Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att., dB | 21,4 | 21,0 | 27,6 | 33,9 | 32,3 | 34,1 | 40,1 | 39,0 | |
| Std. dev., dB | 4,1 | 3,9 | 3,2 | 3,6 | 3,3 | 3,2 | 2,9 | 4,0 | |
| Mean - SD | 17,4 | 17,1 | 24,4 | 30,3 | 29,0 | 30,9 | 37,2 | 34,9 | |
| Headband force S | | Headband force M | | | Headband force L | | | | |
| 9,6 N | | 10,3 N | | | 10,2 N | | | | |
| SNR | SNR _m | SNR _s | | H84 (dB) | | M84 (dB) | | L84 (dB) | |
| 32 dB | 34,6 dB | 2,5 dB | | 33 | | 30 | | 25 | |
| | | | | H _m | H _s | M _m | M _s | L _m | L _s |
| | | | | 35,4 | 2,7 | 32,6 | 2,7 | 28,1 | 2,9 |

| Noise-COM 300 (mass =339 g) | | TESTED IN ACCORDANCE WITH AS/NZS 1270:2002 | | | | | | | |
|-----------------------------|----|--|------|------|------------------|------|------|-------|--|
| Frequency, Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att., dB | - | 18,9 | 24,2 | 30,5 | 32,6 | 34,1 | 40,1 | 37,9 | |
| Std. dev., dB | - | 6,0 | 5,4 | 4,4 | 2,9 | 2,4 | 3,9 | 6,4 | |
| Mean - SD | - | 12,9 | 18,8 | 26,1 | 29,7 | 31,7 | 26,2 | 31,5 | |
| Headband force S | | Headband force M | | | Headband force L | | | | |
| 10,2 N | | 10,2 N | | | 9,8 N | | | | |
| SLC80 | | | | | | | | Class | |
| 30,3 dB | | | | | | | | 5 | |

| Noise-COM 300 Cap (mass: 347g) | | TESTED IN ACCORDANCE WITH EN 352-3:2020 | | | | | | | |
|--------------------------------|------------------|---|------|----------------|------------------|----------------|----------------|----------------|----------------|
| Frequency, Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att., dB | 18,3 | 19,8 | 24,7 | 28,7 | 31,0 | 32,2 | 37,3 | 33,5 | |
| Std. dev., dB | 4,7 | 2,1 | 2,9 | 2,6 | 2,6 | 2,8 | 2,2 | 3,9 | |
| Mean - SD | 13,6 | 17,7 | 21,8 | 26,1 | 28,4 | 29,4 | 35,1 | 29,6 | |
| Headband force S | | Headband force M | | | Headband force L | | | | |
| 8,7 N | | 9,9 N | | | 10,0 N | | | | |
| SNR | SNR _m | SNR _s | | H84 (dB) | | M84 (dB) | | L84 (dB) | |
| 30 dB | 32,1 dB | 1,9 dB | | 31 | | 28 | | 24 | |
| | | | | H _m | H _s | M _m | M _s | L _m | L _s |
| | | | | 33,1 | 2,3 | 30,2 | 2,1 | 25,9 | 1,8 |

| Noise-COM 300 Cap (mass =347 g) | | TESTED IN ACCORDANCE WITH AS/NZS 1270:2002 | | | | | | | |
|---------------------------------|----|--|------|------|------------------|------|------|-------|--|
| Frequency, Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Mean Att., dB | - | 16,9 | 20,7 | 26,8 | 30,1 | 29,9 | 36,0 | 29,3 | |
| Std. dev., dB | - | 5,6 | 4,3 | 3,6 | 3,7 | 4,1 | 5,3 | 5,5 | |
| Mean - SD | - | 11,3 | 16,4 | 23,2 | 26,4 | 25,8 | 30,7 | 23,8 | |
| Headband force S | | Headband force M | | | Headband force L | | | | |
| 9,8 N | | 9,3 N | | | 9,8 N | | | | |
| SLC80 | | | | | | | | Class | |
| 26,2 dB | | | | | | | | 5 | |

| Noise-COM 300 | | TESTED IN ACCORDANCE WITH ANSI S3.19-1974 | | | | | | | |
|----------------|------|---|------|------|------|-----------|------|------|------|
| Frequency, Hz | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
| Mean Att., dB | 18,0 | 24,5 | 29,1 | 31,7 | 32,9 | 32,2 | 37,5 | 39,5 | 34,0 |
| Std. dev., dB | 3,6 | 2,9 | 3,4 | 3,0 | 2,1 | 2,5 | 3,2 | 2,2 | 3,5 |
| Headband force | | NRR | | | | CSA Class | | | |
| 2,3 Lbs | | 24 dB | | | | B | | | |

| Noise-COM 300 Cap | | TESTED IN ACCORDANCE WITH ANSI S3.19-1974 | | | | | | | |
|-------------------|------|---|------|------|------|-----------|------|------|------|
| Frequency, Hz | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
| Mean Att., dB | 18,9 | 25,4 | 30,4 | 33,3 | 31,5 | 33,7 | 39,0 | 37,4 | 33,6 |
| Std. dev., dB | 3,7 | 2,7 | 2,8 | 2,7 | 2,7 | 3,7 | 4,1 | 4,5 | 3,9 |
| Headband force | | NRR | | | | CSA Class | | | |
| 2,2 Lbs | | 24 dB | | | | B | | | |

| Level dependent criterion levels | ACCORDING TO EN 352-6:2020 |
|----------------------------------|----------------------------|
| Standard Criterion level >82 dBA | -0.1 dBV (1006.2 mV) |