

Technical Bulletin

Published: 4th June 2014

Version: 1003.00



What is the Appello range of signals?

The E2S brand, Appello, is the next generation of user recordable alarm signals that can store up to 2 minutes of content. The recorded content can be allocated to four alarm stages (channels) enabling multiple events to be signalled.

The user may record their chosen content either via the on-board microphone or through the 3.5mm audio input. Audio can be played into the Appello from the headphone output of a laptop, CD or MP3 player.

A choice of 45 alarm tones may be selected to precede any recorded content in order to gain attention before the content is played or recorded content only may be selected. In either case the recorded content only or tone + recorded content is constantly repeated while power is applied.

Once an Appello has been recorded on it can duplicate the content to additional Appello units to guarantee synchronised playback (when connected to the same circuit), and is available in a number of voltage versions. The range is UL/cULs approved as standard.

Applicable product ranges

[Appello](#)

Product	Nominal Output dB(A) @ 10' Voice *	Nominal Output dB(A) @ 1m Voice *	Effective Range: Alarm tone sound output at 70dB(A)**	Effective Range: Voice message output at 67dB(A)**
 A105NAX & D105AX alarm horns	96 (87)	105 (101)	185' / 56m	164' / 50m

Product	Nominal Output dB(A) @ 10' Voice *	Nominal Output dB(A) @ 1m Voice *	Effective Range: Alarm tone sound output at 70dB(A)**	Effective Range: Voice message output at 67dB(A)**
  A121AX & MV121	112 (102)	121 (111)	1,165' / 355m	518' / 158m

*The nominal output is based on an alarm tone of approximately 1000 Hz in free field conditions. The typical value in (brackets) is the output of user recorded voice message. It is often the case the message does not need to be as loud because the listener will be listening to the message once their attention is gained by the alarm tone. This is reflected in the distances listed above.

**in free field conditions. Effective range where ambient < 65 dB(A).

Effective distance may be reduced by at least 82% for ambient background noise > 80 dB(A).

Effective distance may be reduced by at least 90% for ambient background noise > 85 dB(A).

The Appello alarm horn sounders can be combined with visual signals. [View the entire Appello range here.](#)

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Maahantuonti ja myynti: Autosafe Oy, www.autosafe.fi, puh. (09) 270 9012C