



## Industry Checklist

# Selecting doorbells for people with hearing impairment

PEER  
REVIEWED

This Checklist should be read in conjunction with the HMinfo document **Industry Factsheet: Selecting doorbells for people with hearing impairment**. Both documents are available at [www.homemods.info](http://www.homemods.info).

### Preconstruction considerations

Is a wired system, if chosen, easier to install during rather than after construction?

### Choosing a visual signalling device

Is the light signal detectable in ambient light?

Have alternative signalling devices been considered for use outside and in sleeping areas?

Does the system, whether wired or wireless, suit the consumer's need and preference?

Is the signal, whether flashing or strobe, consistent with the consumer's health condition and personal preference?

Is the signal choice consistent with needs and preferences of other home occupants?

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For a flashing light, is the flash rate of 1-3 Hz with pulse duration < 0.2 seconds?

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Do the single strobes in non-sleeping areas comply with the recommended brightness for room size (15 to 95 candelas)?

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Are there two strobes per room in non-sleeping areas and do each comply with recommended brightness for room size (15 to 60 candelas)?

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In sleeping areas, is the brightness at least 110 candelas at pillow level?

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## Installing a visual signalling device

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Is there at least one receiver per room; more for rooms larger than 15 m<sup>2</sup>?

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Are receivers placed 2.0 to 2.4 m from the floor?

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In an irregularly-shaped room, is the receiver mounted on the wall to ensure light reaches each corner?

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Is there a backup system in place to function during power failure?