

An audio system shall be clearly audible and complemented with hearing enhancement system. The information shall have a minimum RASTI level of 0,5 in all areas. The audible message shall be adjusted to 15 dB(A) above surrounding noise level.

An induction loop should be installed.

An audio announcement shall be made for people waiting at the platform, e.g. to announce route number and direction of the vehicle.

5. Electronic text displays

Screens and displays of moving texts providing onboard travel information shall be visible from all seats. The minimum height from the floor surface shall be 2100 mm to the bottom of the display.

Electronic displays shall be of as high resolution as possible. The front glass shall be anti-reflective.

When displays are mounted at the minimum height of 2100 mm above floor surface, the letters shall have a minimum height of 30 mm from a reading distance of 3000 mm.

It is preferable that the electronic display is tilted or is fitted with a glass that permits reading of the text within an angle of 30°, which is the maximum angle for a comfortable tilt of the head.

Letters and symbols shall be presented with light color on a dark background at LRV 30.

White text on black, or dark blue is preferable. The use of red, and green shall be avoided for persons with color blindness.

Screen fonts shall be specially designed for the display using them – letter type shall be sans serif.

When using scrolling text, it shall preferably be horizontal and not vertical. Latin text shall scroll right to left and Arabic text left to right.

Audio information should have a self-adjusting volume depending on background noise.

Sign Language interpretation for all audio information should be provided on a monitor.

Looping or scrolling text shall have a speed not to exceed 6 characters per second.