











Toolkit for safe listening devices and systems ISBN 978-92-4-151528-3 (WHO) ISBN 978-92-61-28411-4 (ITU)

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Foreword



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Globally, a billion teenagers and young adults are at risk of developing hearing loss due to the practice of listening to music at high volumes for prolonged time over their personal audio devices. Once hearing loss due to loud sounds sets in, it cannot be reversed. Such hearing loss, if unaddressed, can greatly impact one's ability to communicate, gain education or find and hold suitable employment. However, hearing loss that results from loud sounds can be prevented through raised awareness and appropriate prevented measures.

To address this issue the World Health Organization (WHO) and the International Telecommunications Union (ITU) have developed the **Toolkit for safe listening devices and systems**, which provides the necessary practical guidance for the implementation of the Global standard for safe listening devices (ITU-T H.870). The standard outlines key features to regulate the user's exposure to sound, limit volume and provide information on safe listening. The implementation of the safe listening features recommended here will be key to protect users from hearing loss caused by loud sounds and ensuring that people can continue enjoying the sounds they like listening to.

Governments can act by regulating for the standard and manufacturers can develop and market devices that implement the recommendations of the toolkit. Civil society can advocate for the implementation of the standard and raise awareness on safe listening.

ITU and WHO call upon Member States, industry partners and civil society to play their part in promoting safe listening and in addressing this emerging health challenge.

The use of this toolkit and implementation of the H.870 global standard will promote the responsible use of technology to enhance health and wellbeing among its users.

Ms Doreen Bogdan-Martin, ITU

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Executive summary

This toolkit provides practical guidance to support Member States, industry partners and civil society groups in the use and implementation of the WHO-ITU H.870 Global standard on safe listening devices and systems. The WHO-ITU Global standard is the result of a collaboration between the World Health Organization (WHO) and the International Telecommunication Union (ITU), and has been developed in response to the growing prevalence of hearing loss and the threat to hearing posed by unsafe listening. The WHO-ITU Global standard has been deve-lo-ped using an evidence-based and consultative process, with the participation of experts in the field of sound, audiology, acoustics, communication, and smartphone technology.

This toolkit outlines the need for hearing loss prevention and describes how WHO and ITU have shaped their response to this. It summarizes the WHO-ITU Global standard in a simplified way and provides a step-wise approach for implementation by three main partners in the field of hearing loss prevention:

- Governments
- Industry
- Civil society

A section tailored to each partner outlines the steps necessary for effective implementation of the WHO-ITU Global standard. A variety of tools are included to help with this: a situation assessment tool; an outline of planning workshops; and sample awareness-raising commu-ni-cations and slide presentations.

The aim of the toolkit is to make it easy for partners to adopt, implement and monitor the WHO-ITU Global standard. Its overall goal is to ensure that all users of personal audio systems are empowered with information on safe listening and have the option to make safe listening choices in order to protect their hearing.

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