

B-Audio

The hearing aid landscape in 2013

Leuven - Saturday the 25th of May

WIDEX DREAM FUSION

TRUE TO LIFE-SOUND

Mathieu Van de Wiele

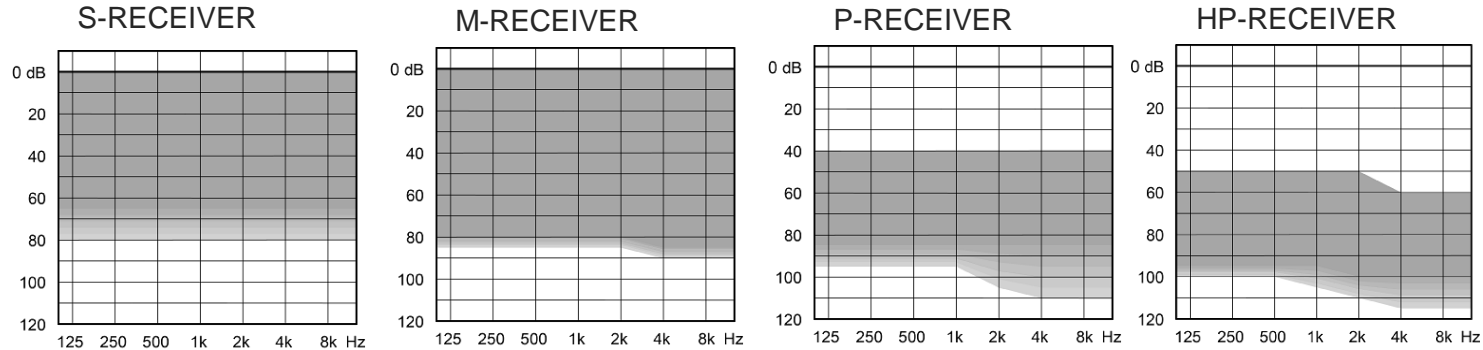
Audiologist

VERANNEMAN

WIDEX DREAM – FUSION



RIC , suitable for most hearing losses...



DREAM FUSION 440 – KEY FEATURES

- Mini RIC/RITE with 312 battery
- 15 channels
- InterEar Volumecontrol
- InterEar Programm Control
- TRUE ISP platform
- True-Input Technology
- Powersaver
- Widex-Link Wireless technology
- InterEar-Functionality



- InterEar Trusound Compression
 - TruSound Softener
 - High Defenition Locator
 - InterEar Feedback Cancelling
 - Digital Pinna
 - InterEar Speech Enhancer
 - Personal Audibillity Extender
-
- Personal Acclimatisation
 - Personal Zen

- True – Input Technology
 - High Definition Locator
 - High Definition Speech Enhancer
 - Digital Pinna
-
- Personal Audibility Extender
 - Personal Zen
 - Personal Acclimatisation Manager

Benefits of

TRUE-ISP

WITH PATENT PENDING
TRUE-INPUT TECHNOLOGY™



1

MORE SOUND

FULL SOUND IN – RICHER SOUND OUT

MORESOUND

LOUD MUSIC
SPORTS ARENA
CINEMA
PARTY
LARGE FAMILY GATHERING
CONVERSATION IN CITY NOISE
ETC.
90-110 dB SPL



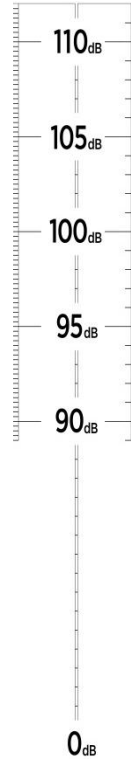
CONSTRUCTION SITE / TRAFFIC NOISE
80-90 dB SPL



ALONE AT HOME
50-60 dB SPL



FALLING LEAVES
10-20 dB SPL



dB SPL

113 dB SPL

DREAM
TRUE-INPUT TECHNOLOGY

106 dB SPL

INPUT RANGE OF COMPARABLE
HIGH-END HEARING AIDS

92 dB SPL



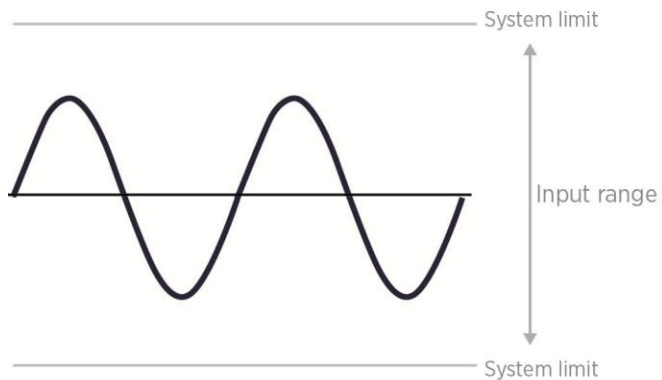
CONVERSATION
60-75 dB SPL



WHISPER
20-30 dB SPL

MORESOUND

VERY LOUD SOUND



CONVENTIONAL
INPUT RANGE

NEW PLATFORM

(CHIP DESIGN with TRUE-INPUT TECHNOLOGY)

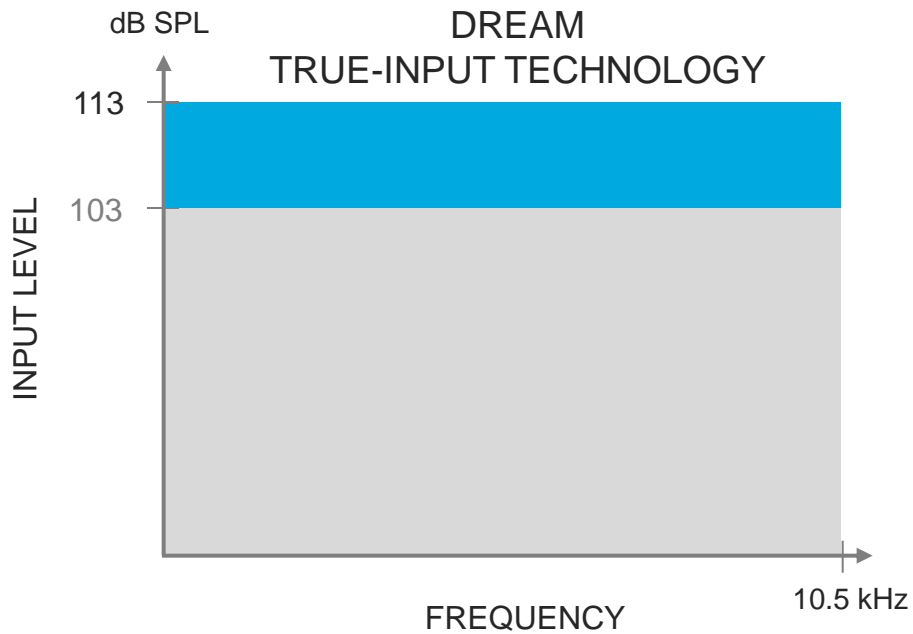


MORESOUND



GREAT SOUND QUALITY

MORESOUND





HD Locator

HD Speech Enhancer

Digital Pinna



2

MORE WORDS

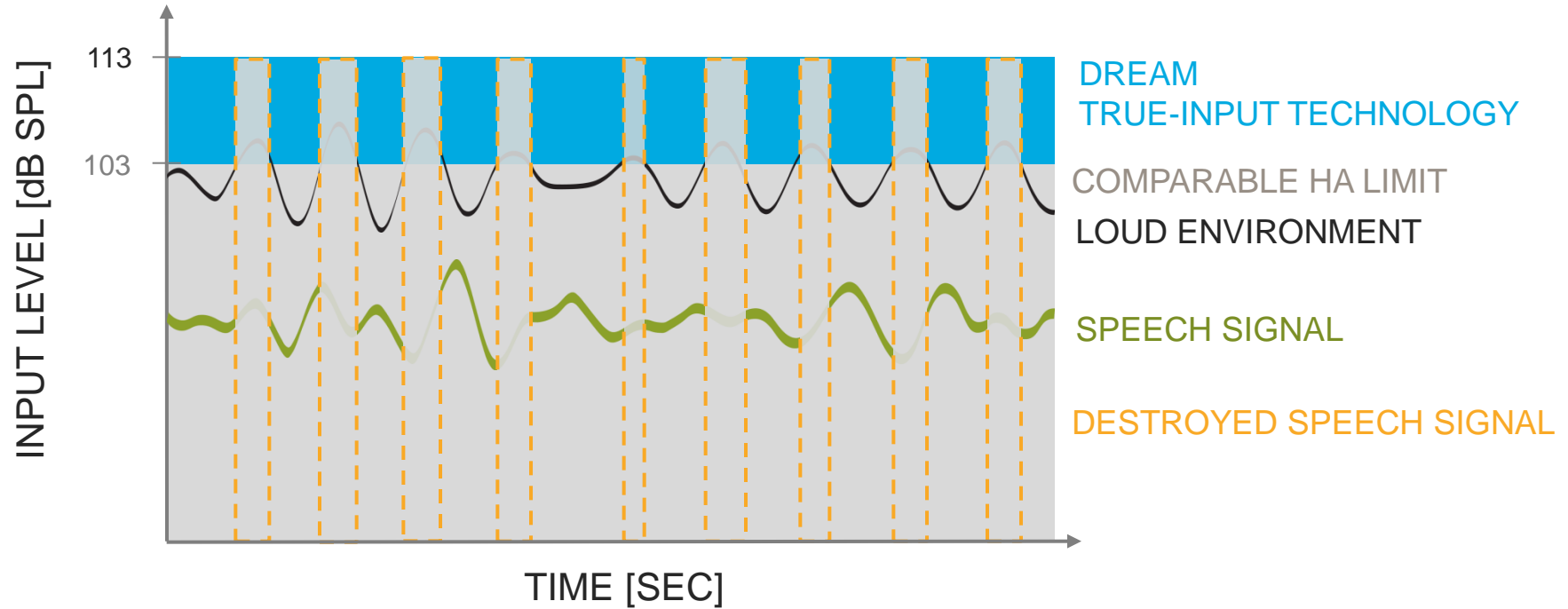
IMPRESSIVE SPEECH INTELLIGIBILITY

NEW PLATFORM

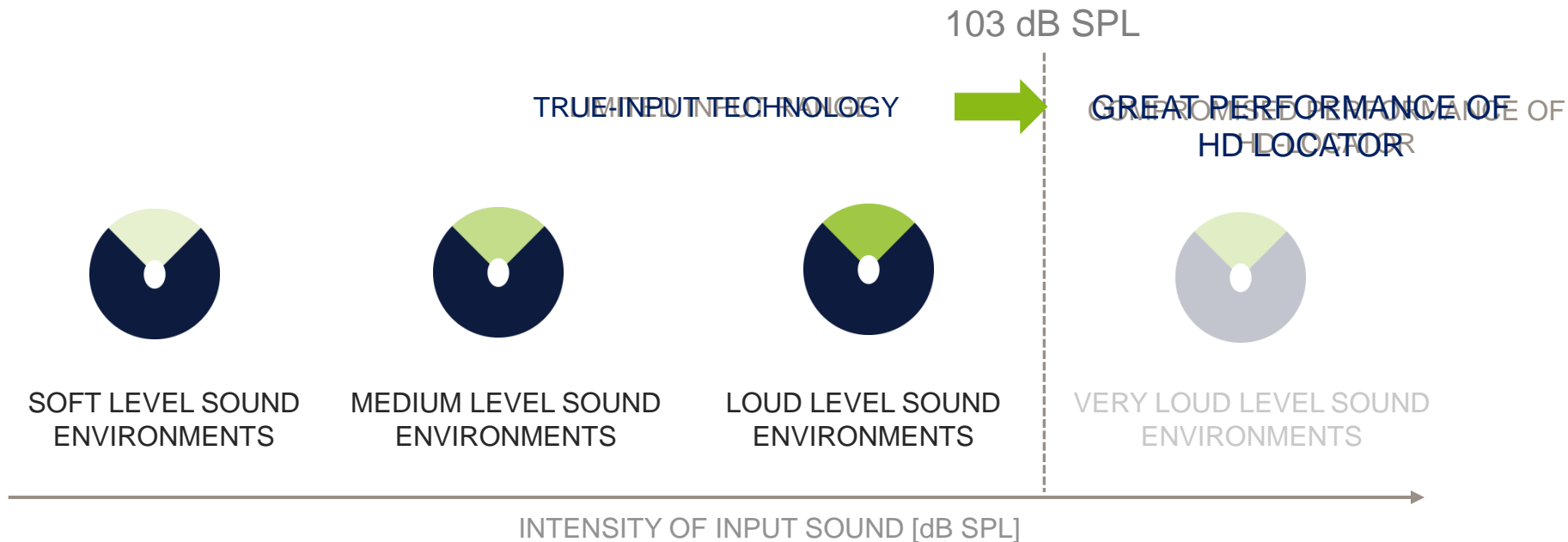


MOREWORDS

MOREWORDS



IMPACT ON HD LOCATOR



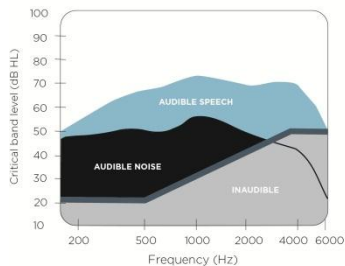
IMPACT ON SPEECH ENHANCER

TRUE INPUT TECHNOLOGY

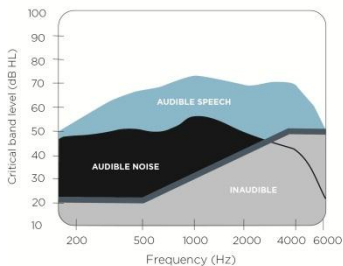


103 dB SPL

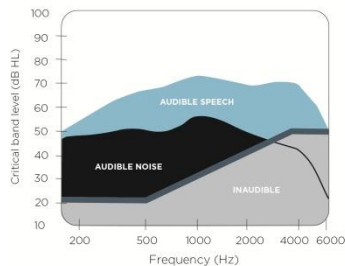
GREAT PERFORMANCE OF
SPEECH ENHANCER



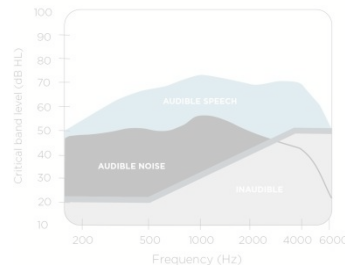
SOFT LEVEL SOUND
ENVIRONMENTS



MEDIUM LEVEL SOUND
ENVIRONMENTS



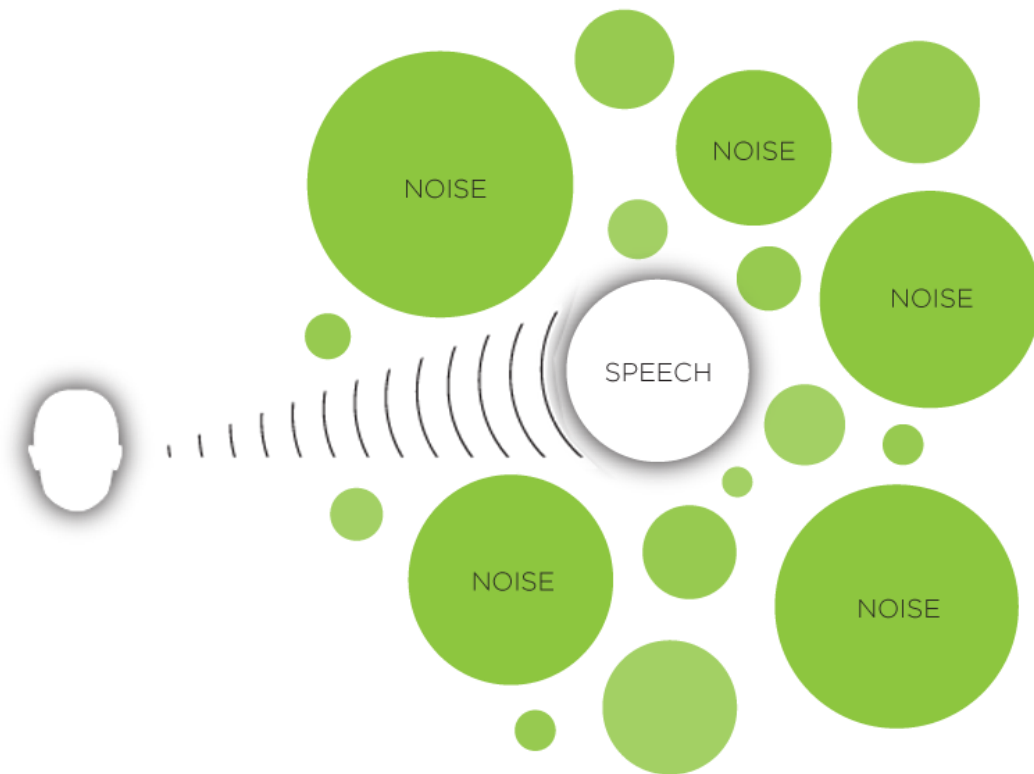
LOUD LEVEL SOUND
ENVIRONMENTS



VERY LOUD LEVEL SOUND
ENVIRONMENTS

INTENSITY OF INPUT SOUND [dB SPL]

MOREWORDS



The background of the slide is a dark blue gradient with flowing, wavy lines in a lighter blue shade, creating a sense of motion and depth.

3

MORE FEATURES...

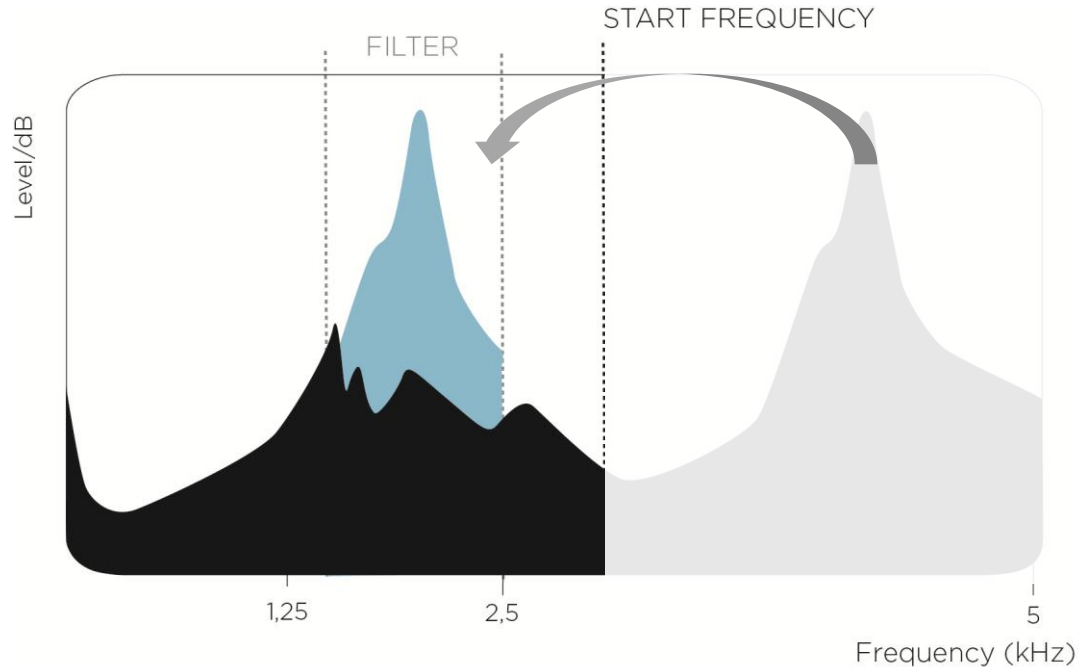
FOR PERSONALISATION



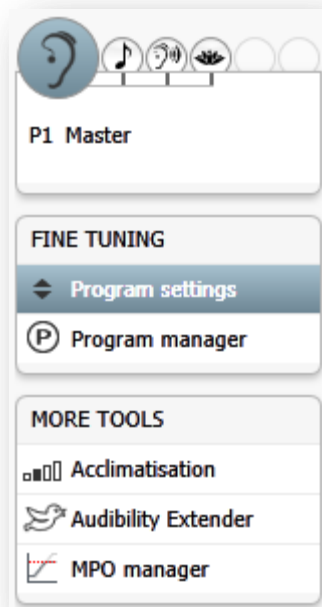
PERSONAL AUDIBILITY EXTENDER

PERSONAL AUDIBILITY EXTENDER

LINEAR TRANSPOSITION OF INAUDIBLE HIGH FREQUENCY SOUNDS



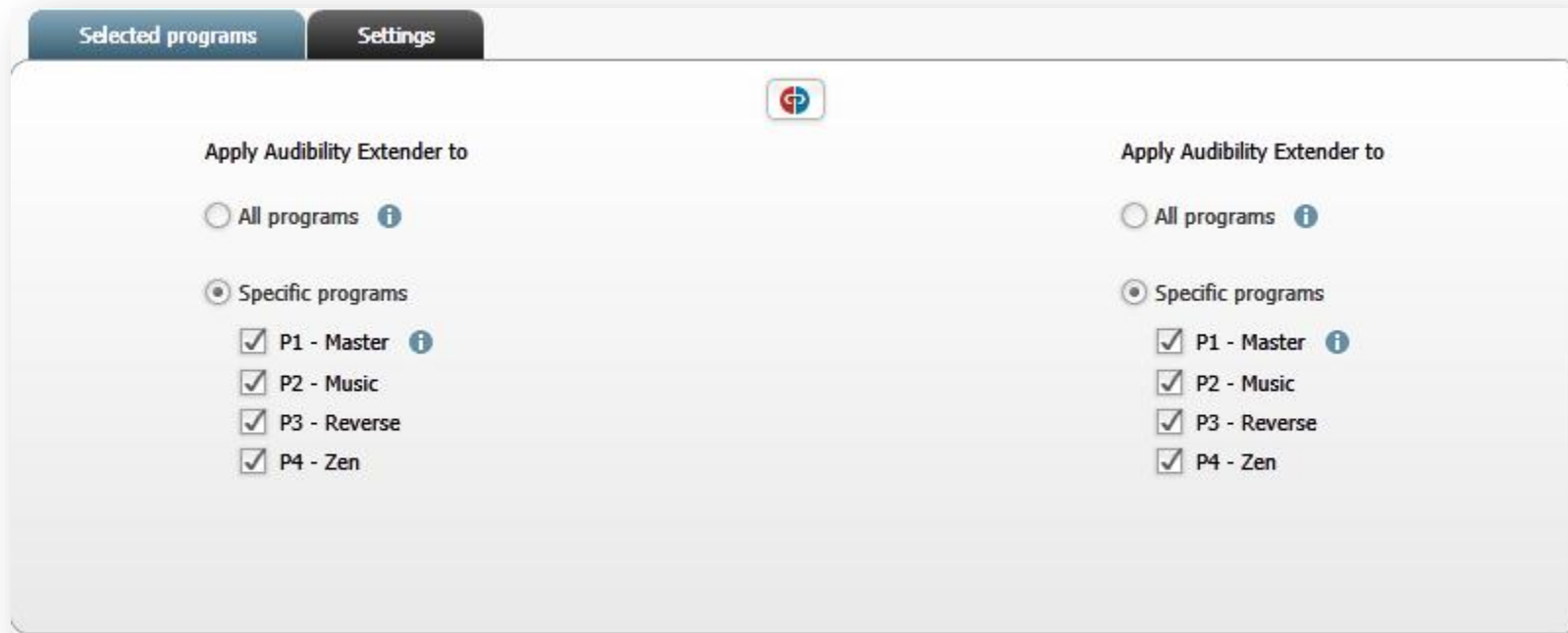
PERSONAL AUDIBILITY EXTENDER



UPGRADED FROM ACOUSTIC PROGRAM TO A GLOBAL FEATURE

APPLICABLE ACROSS ACOUSTIC PROGRAMS

PERSONAL AUDIBILITY EXTENDER



The screenshot displays a software interface for the 'PERSONAL AUDIBILITY EXTENDER'. It features two tabs at the top: 'Selected programs' (highlighted in blue) and 'Settings' (dark grey). Below the tabs is a central area with a small icon of a person with sound waves. This area is divided into two identical panels, each titled 'Apply Audibility Extender to'. Each panel contains two radio button options: 'All programs' (unselected) and 'Specific programs' (selected). Under the 'Specific programs' option, there are four checked checkboxes: 'P1 - Master', 'P2 - Music', 'P3 - Reverse', and 'P4 - Zen'. Each checkbox has a small information icon (i) to its right.

Selected programs Settings

Apply Audibility Extender to

☐ All programs *i*

☒ Specific programs

☒ P1 - Master *i*

☒ P2 - Music

☒ P3 - Reverse

☒ P4 - Zen

Apply Audibility Extender to

☐ All programs *i*

☒ Specific programs

☒ P1 - Master *i*

☒ P2 - Music

☒ P3 - Reverse

☒ P4 - Zen

APPLICABLE TO ALL PROGRAMS OR SELECT PROGRAMS



PERSONAL ZEN

PERSONAL ZEN

- ZEN AQUA
- ZEN CORAL
- ZEN GREEN
- ZEN LAVENDER
- ZEN SAND
- ZEN NOISE



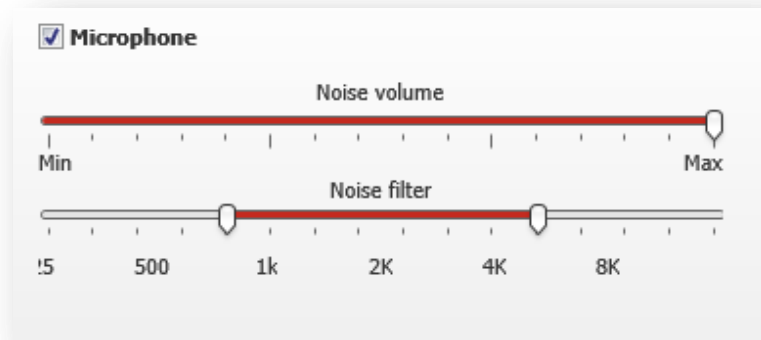
ZEN NOISE SHAPED

PERSONAL ZEN

AVAILABLE IN DREAM440 - ZEN+

EASY TO ADJUST

AUTOMATIC LOUDNESS CORRECTION



LOW PASS
NOISE

BAND PASS
NOISE

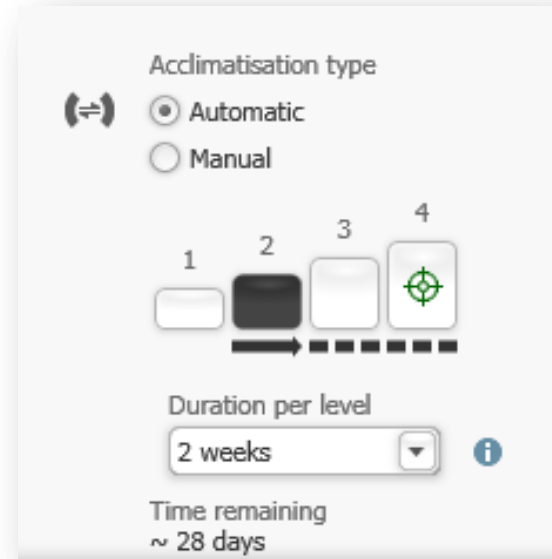
HIGH PASS
NOISE



PERSONAL ACCLIMATISATION

AUTOMATIC ACCLIMATISATION

- AUTOMATIC ACCLIMATISATION
- 4 ACCLIMATIZATION STEPS
- ADJUSTABLE DURATION BETWEEN LEVELS
- INTEREAR SYNCHRONIZATION



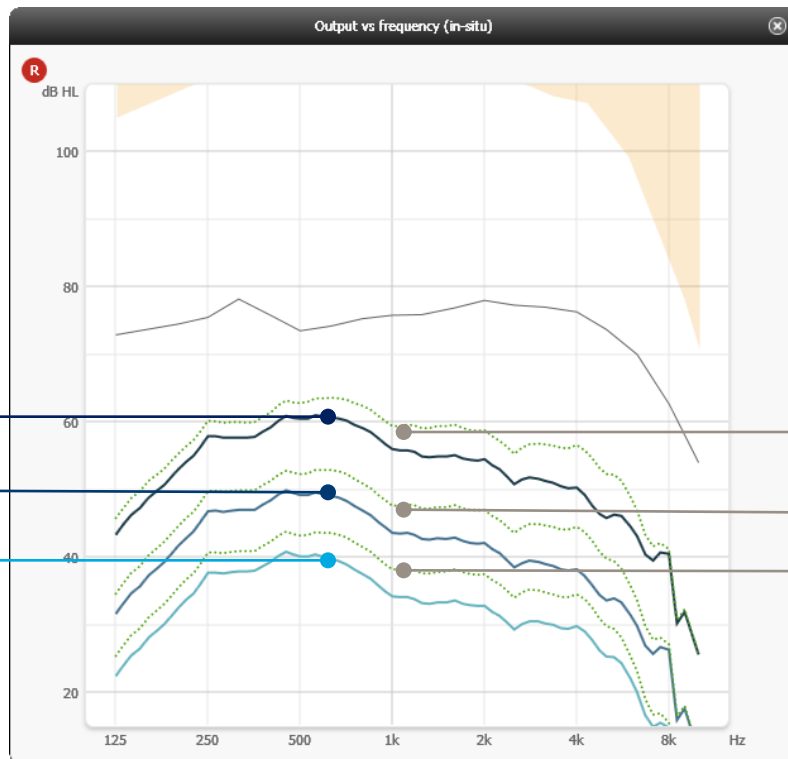
AUTOMATIC ACCLIMATISATION

ACCLIMATIZATION GAIN

LOUD LEVEL SOUNDS
INPUT LEVEL 80 dB SPL

MEDIUM LEVEL SOUNDS
INPUT LEVEL 65 dB SPL

SOFT LEVEL SOUNDS
INPUT LEVEL OF 55 dB SPL



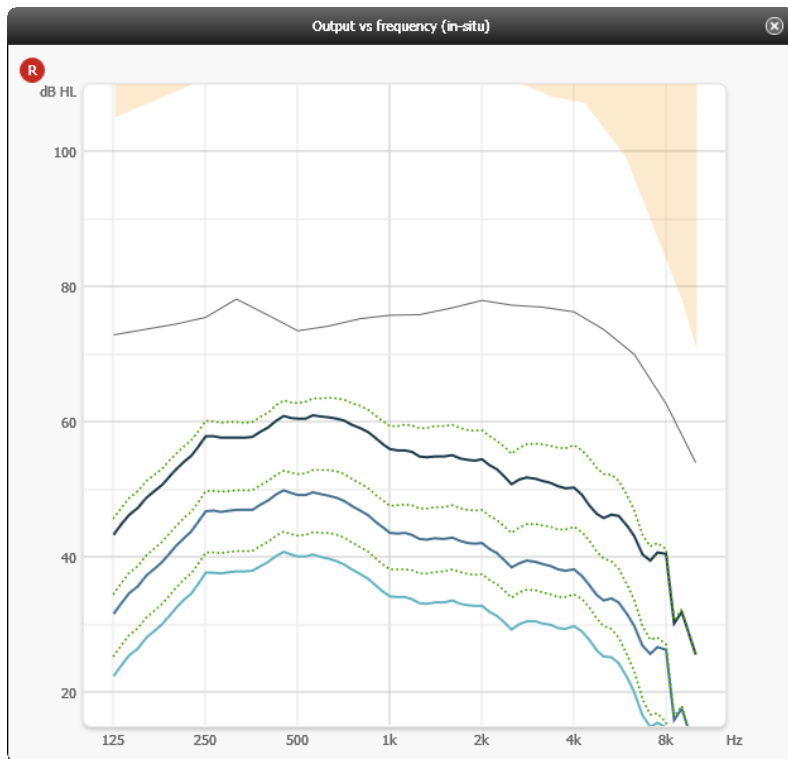
TARGET

LOUD LEVEL SOUNDS

MEDIUM LEVEL SOUNDS

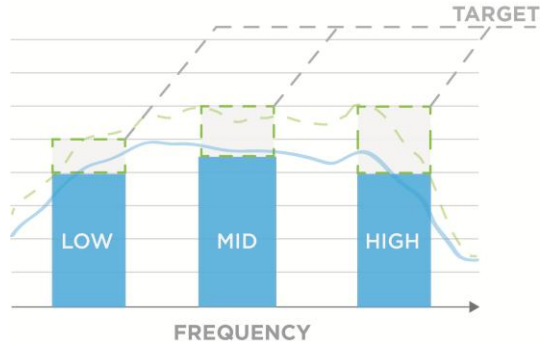
SOFT LEVEL SOUNDS

AUTOMATIC ACCLIMATIZATION

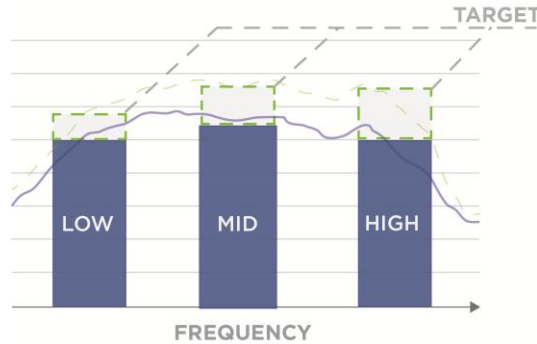


AUTOMATIC ACCLIMATISATION

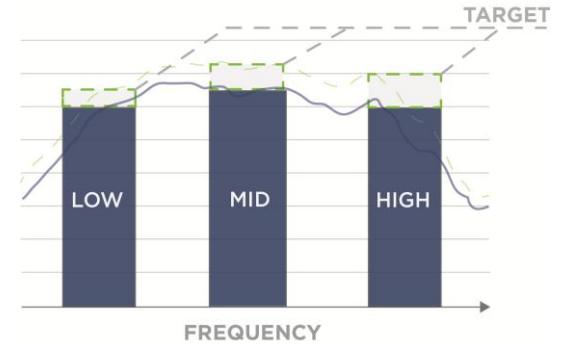
GAIN FOR **SOFT LEVEL** SOUNDS



GAIN FOR **MEDIUM LEVEL** SOUNDS



GAIN FOR **LOUD LEVEL** SOUNDS



MOST GAIN REDUCTION FOR SOFT SOUNDS & HIGH FREQUENCIES

LEAST GAIN REDUCTION FOR LOUD SOUNDS & LOW FREQUENCIES

TECHNICAL DETAILS

TECHNICAL DETAILS

	TRUEISP
INPUT RANGE	113 dB
SAMPLING FREQUENCY	33.1 kHz
BIT DEPTH	16 bit
PROCESSING FREQUENCY	2.12 MHz
MEMORY	512 kbit
INTEREAR	21 Hz
DELAY	2-5 ms
CURRENT CONSUMPTION	20% less than C-ISP

BESTSELLERS

BESTSELLERS

DREAM440
15 channel

DREAM330
10 channel

DREAM220 **1110**
5 channel nel

NEW

TRUEISP

TRUE-INPUT
TECHNOLOGY™

PRESERVATION OF EVERY FINE DETAIL
OF THE SIGNAL, SEAMLESSLY FROM INPUT TO OUTPUT

INPUT RANGE OF 113 dB SPL
INDUSTRY LEADING INPUT RANGE

TRUEISP



CONNECTIVITY

INTEREAR TECHNOLOGY
WIDEXLINK

DEX SOLUTIONS
WIDEXLINK

COMPASS GPS
WIDEXLINK
INTEGRATION WITH MY.WIDEX.COM

MY.WIDEX.COM
INTEGRATION WITH COMPASS GPS

TRUEISP

TRUE INTEGRATED SIGNAL PROCESSING

UNLEASHING NEW BENEFITS
OF OUR INTEGRATED SIGNAL PROCESSING

ARTIFACT FREE SIGNAL PROCESSING
FOR VERY LOUD LEVEL SOUNDS

2-5 ms PROCESSING DELAY

TRUEISP

POWERSAVER™



EFFICIENT DESIGN

OPTIMIZING THE CURRENT CONSUMPTION

CURRENT CONSUMPTION REDUCED BY 20%

20 % LONGER BATTERY LIFE



PREVIOUS TECHNOLOGY



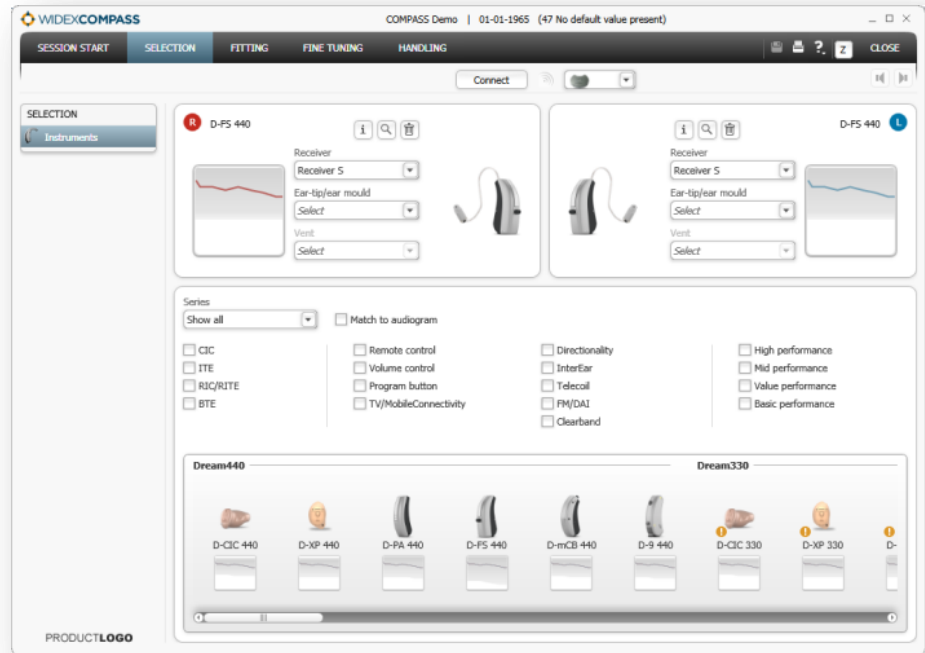
WIDEX DREAM

WIDEX **DREAM**™
TRUE TO LIFE SOUND

TRUEISP

















COMPASS GPS



COLORS

COLORS

														
	Copper brown	Tan silk	Warm beige	Summer gold	Pearl white	Mediterranean turquoise	Shocking pink	Sporty red	Lime green	Metallic blue	Winter silver	Titan grey	Midnight black	Cappuccino brown
PASSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FUSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>m</i> CB		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ITE / CIC



Light
beige



Dark
brown



Clay
brown

ACCESSORIES

DEX DEVICES



T-DEX



RC-DEX



TV-DEX



M-DEX



FM+DEX

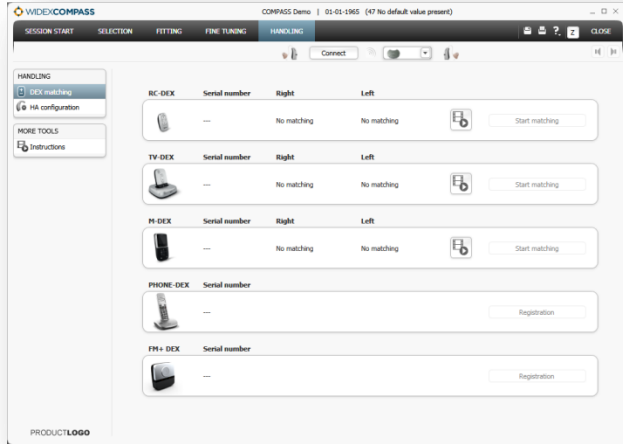


PHONE-DEX*

*Only available in Europe (EU/EFTA)

MATCHING

MATCHING VIA COMPASS GPS



QUICKMATCH

NO MATCHING
REQUIRED

SCOLA

SCOLA BUDDY



SCOLA TALK



SCOLA CLASSMATE



SCOLA TEACH



SCOLA FLEX





FITTING SIMPLIFIED

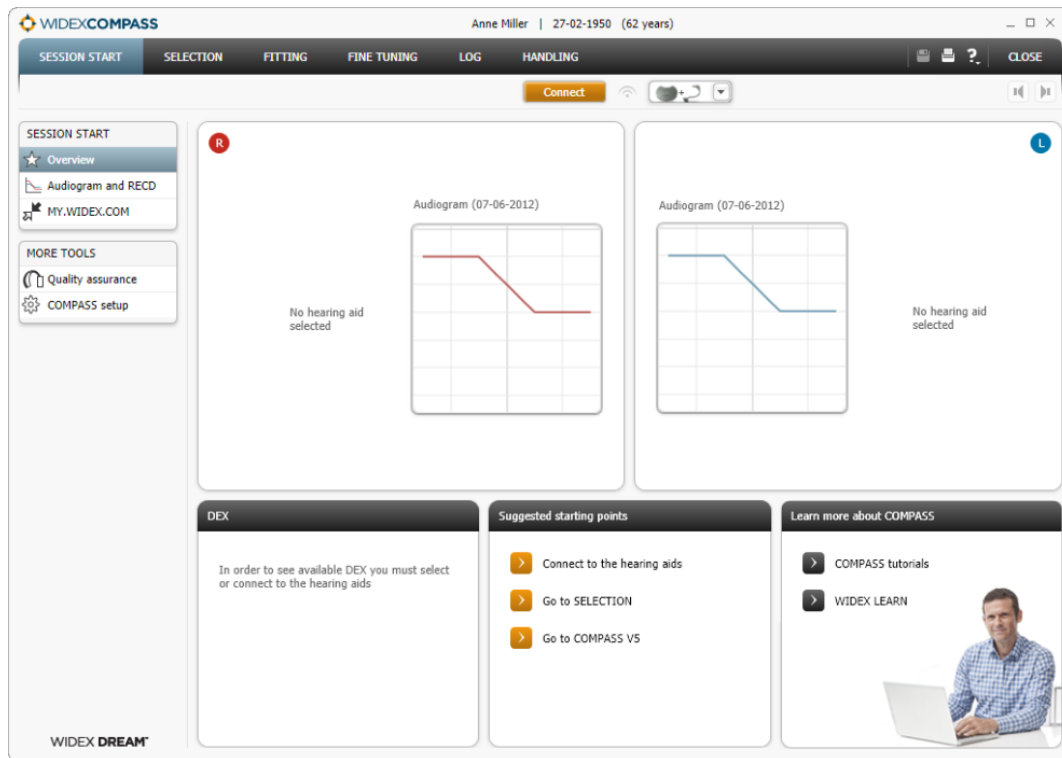
NEW LAYOUT

NEW FITTING PLATFORM

MODERN LOOK

ON BRAND

GREAT OVERVIEW











IS IT CLEAR?

.... NO IT IS DREAM

DREAM HIGHLIGHTS

DREAM HIGHLIGHTS

-  **MORESOUND**
GREAT SOUND QUALITY
-  **MOREWORDS**
GOOD SPEECH INTELLIGIBILITY
-  **MOREPERSONAL**

-  **LONGER BATTERY LIFE**
TRUE ISP PLATFORM
-  **PERSONAL**
AUDIBILITY EXTENDER
ZEN
ACCLIMATIZATION
-  **COMPASS GPS**
NEW FITTING PLATFORM
-  **FULL DEX COMPATIBILITY**
WIDEXLINK ENABLED
-  **4 PRICE POINTS FOR ALL MODELS**
440, 330, 220 & 110

THE END