

# Sun 16 G3

Gain 45 dB



## PRODUCT FEATURES

- Receiver-in-Canal hearing system (RIC) with 45-dB-receiver and battery size 13
- For open and closed fitting

## BASIC FEATURES

- Dual Energy Technology: optionally usable with rechargeable battery or battery
- Battery compartment as on/off switch
- Rocker switch, can be programmed as a program button, on/off switch, volume control, tone control
- Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function
- Telephone coil
- Personal-Color-Concept
- Audiomatic power-on delay (P) (activate/deactivate)
- IP67 certified

## TECHNICAL FEATURES

- 40 Signal processing channels / 20 frequency channels
- 20 AGC channels / 20 MPO channels
- 6 Hearing programs
- Data Logging
- Wireless
  - Binaural synchronisation
  - AudioLink
  - Remote control optional
  - Wireless audio input optional

## SIGNAL PROCESSING

- Anti-Feedback-System G3
- Noise Manager
  - Adaptive noise reduction
  - Wiener filter
  - Adaptive wind noise reduction
  - Impulse suppressor
  - Auto-situation adaption
  - Selectronic
- AudioTronic multi-microphone system
  - Panorama
  - Directional static
  - Automatic
  - Adaptive
  - AudioFocus 360
  - AudioSpot
- Frequency and dynamics concept
  - TRC S
  - Selective frequency compression
  - HiFi-functionality
  - Sound Upgrade (in wireless audio input mode)
  - Gain setting dependent on environment (only in wireless audio input mode)

## AUTOMATIC FUNCTIONS

- Intelligent Acclimatic
- Comformatic

## OPTIONS

- Smart Power
- Smart Connect
- Smart Connect App
  - AudioDirSelect
- Smart Remote
- Smart Remote App
- External receiver M with FOG = 60 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- External receiver P with FOG = 70 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- Customised CLIC MOULD 2.0 (Open or Power)
- Click Domes (Open, Semi-open, Closed or Double)
- AutoPhone Set

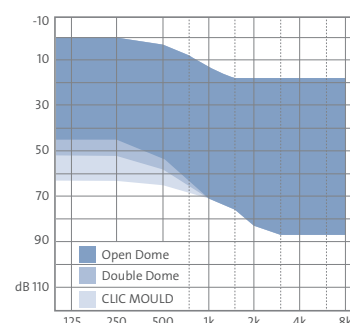
## PROGRAMMING ADAPTER

- Adapter 13 Art.-No. 108 24 470

## HOUSING COLORS

	Beige		Dark Grey		Black
	Tobacco		Silver		Bronze
	Grey		Pearly-White		

## FITTING RANGE



# Sun 16 G3

Gain 45 dB



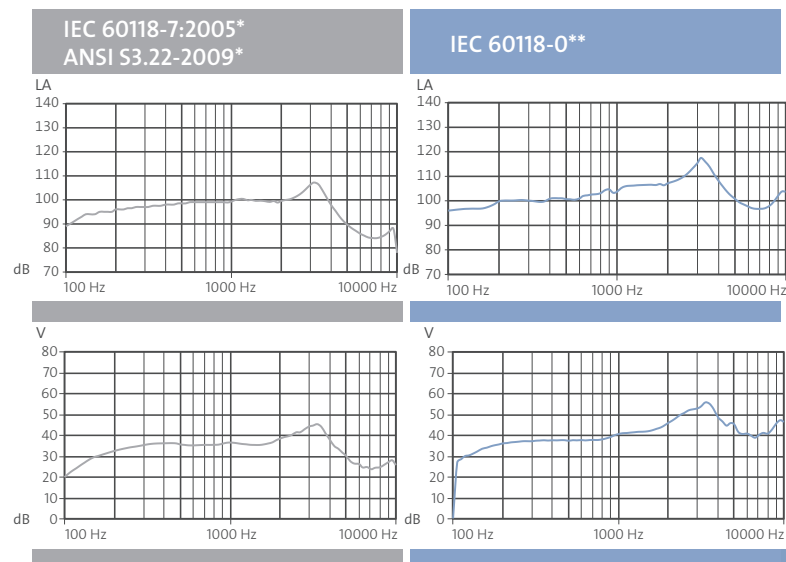
## MAXIMUM OUTPUT

Input = 90 dB

## MAXIMUM GAIN

Input = 50 dB

## TECHNICAL INFORMATION



SATURATION OSPL 90		
Peak value at 90 dB	108 dB	118 dB
1.600 Hz (RTF)	99 dB	107 dB
HFA (High Frequency Average)	100 dB	104 dB
FULL ON GAIN		
Peak value at 50 dB	45 dB	56 dB
1.600 Hz	35 dB	42 dB
HFA (High Frequency Average)	38 dB	41 dB
Reference test gain	23 dB	35 dB
TECHNICAL FEATURES		
Battery size	13	13
Battery life	226 Hours	226 Hours
Frequency response	100 – 10.000 Hz	100 – 10.000 Hz
Battery current consumption	0,90 mA	0,90 mA
Equivalent noise level	18 dB	19 dB
Telecoil sensitivity, measured in 1 mA/M	66 dB	73 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1.600 Hz	1%	2%

\* Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2ccm coupler

\*\* Technical data measured in accordance with IEC 60118-0 at ear simulator coupler



### WARNING

Small parts present a choking hazard.

This device is not suitable for fitting to babies, small children or mentally disabled persons.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 7.4 and AudioFit 7.4 or higher.

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# Sun 16 G3

Gain 60 dB



## PRODUCT FEATURES

- Receiver-in-Canal hearing system (RIC) with 60-dB-receiver and battery size 13
- For open and closed fitting

## BASIC FEATURES

- Dual Energy Technology: optionally usable with rechargeable battery or battery
- Battery compartment as on/off switch
- Rocker switch, can be programmed as a program button, on/off switch, volume control, tone control
- Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function
- Telephone coil
- Personal-Color-Concept
- Audiomatic power-on delay (P) (activate/deactivate)
- IP67 certified

## TECHNICAL FEATURES

- 40 Signal processing channels / 20 frequency channels
- 20 AGC channels / 20 MPO channels
- 6 Hearing programs
- Data Logging
- Wireless
  - Binaural synchronisation
  - AudioLink
  - Remote control optional
  - Wireless audio input optional

## SIGNAL PROCESSING

- Anti-Feedback-System G3
- Noise Manager
  - Adaptive noise reduction
  - Wiener filter
  - Adaptive wind noise reduction
  - Impulse suppressor
  - Auto-situation adaption
  - Selectronic
- AudioTronic multi-microphone system
  - Panorama
  - Directional static
  - Automatic
  - Adaptive
  - AudioFocus 360
  - AudioSpot
- Frequency and dynamics concept
  - TRC S
  - Selective frequency compression
  - HiFi-functionality
  - Sound Upgrade (in wireless audio input mode)
  - Gain setting dependent on environment (only in wireless audio input mode)

## AUTOMATIC FUNCTIONS

- Intelligent Acclimatic
- Comformatic

## OPTIONS

- Smart Power
- Smart Connect
- Smart Connect App
  - AudioDirSelect
- Smart Remote
- Smart Remote App
- External receiver S with FOG = 45 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- External receiver P with FOG = 70 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- Customised CLIC MOULD 2.0 (Open or Power)
- Click Domes (Open, Semi-open, Closed or Double)
- AutoPhone Set

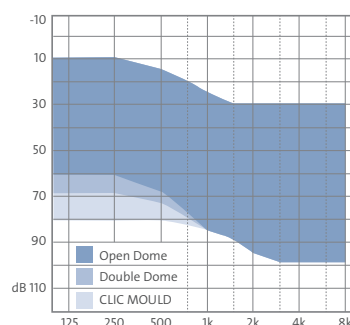
## PROGRAMMING ADAPTER

- Adapter 13 Art.-No. 108 24 470

## HOUSING COLORS

	Beige		Dark Grey		Black
	Tobacco		Silver		Bronze
	Grey		Pearly-White		

## FITTING RANGE



# Sun 16 G3

Gain 60 dB



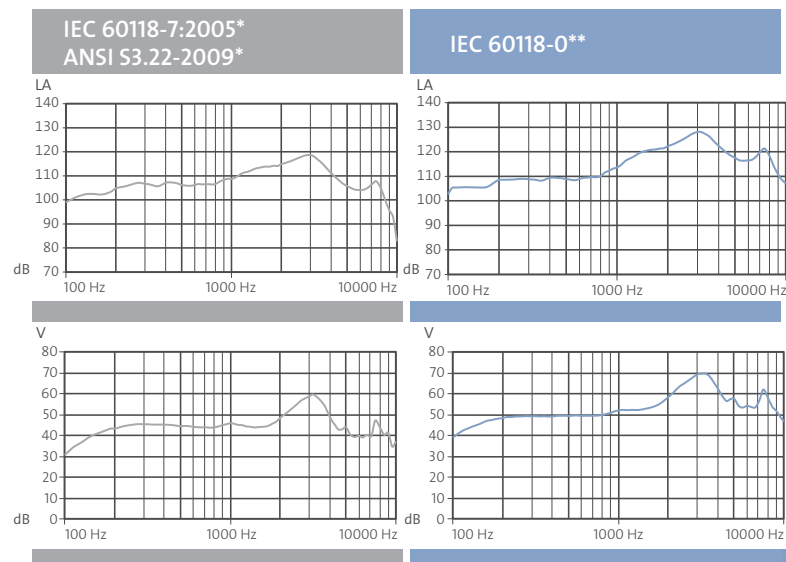
## MAXIMUM OUTPUT

Input = 90 dB

## MAXIMUM GAIN

Input = 50 dB

## TECHNICAL INFORMATION



SATURATION OSPL 90		
Peak value at 90 dB	119 dB	128 dB
1.600 Hz (RTF)	114 dB	121 dB
HFA (High Frequency Average)	113 dB	115 dB
FULL ON GAIN		
Peak value at 50 dB	60 dB	69 dB
1.600 Hz	44 dB	53 dB
HFA (High Frequency Average)	48 dB	53 dB
Reference test gain	36 dB	46 dB
TECHNICAL FEATURES		
Battery size	13	13
Battery life	185 Hours	185 Hours
Frequency response	100 – 9.000 Hz	100 – 10.000 Hz
Battery current consumption	1,10 mA	1,10 mA
Equivalent noise level	19 dB	23 dB
Telecoil sensitivity, measured in 1 mA/M	78 dB	84 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
1.600 Hz	2%	1%

\* Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2ccm coupler

\*\* Technical data measured in accordance with IEC 60118-0 at ear simulator coupler



### WARNING

Small parts present a choking hazard.

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For control ranges and more programming features see Hearing Instrument Simulation of Connexx 7.4 and AudioFit 7.4 or higher.

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# Sun 16 G3

Gain 70 dB\*



## PRODUCT FEATURES

- Receiver-in-Canal hearing system (RIC) with 70-dB-receiver and battery size 13
- For open and closed fitting

## BASIC FEATURES

- Dual Energy Technology: optionally usable with rechargeable battery or battery
- Battery compartment as on/off switch
- Rocker switch, can be programmed as a program button, on/off switch, volume control, tone control
- Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function
- Telephone coil
- Personal-Color-Concept
- Audiomatic power-on delay (P) (activate/deactivate)
- IP67 certified

## TECHNICAL FEATURES

- 40 Signal processing channels / 20 frequency channels
- 20 AGC channels / 20 MPO channels
- 6 Hearing programs
- Data Logging
- Wireless
  - Binaural synchronisation
  - AudioLink
  - Remote control optional
  - Wireless audio input optional

## SIGNAL PROCESSING

- Anti-Feedback-System G3
- Noise Manager
  - Adaptive noise reduction
  - Wiener filter
  - Adaptive wind noise reduction
  - Impulse suppressor
  - Auto-situation adaption
  - Selectronic
- AudioTronic multi-microphone system
  - Panorama
  - Directional static
  - Automatic
  - Adaptive
  - AudioFocus 360
  - AudioSpot
- Frequency and dynamics concept
  - TRC S
  - Selective frequency compression
  - HiFi-functionality
  - Sound Upgrade (in wireless audio input mode)
  - Gain setting dependent on environment (only in wireless audio input mode)

## AUTOMATIC FUNCTIONS

- Intelligent Acclimatic
- Comformatic

## OPTIONS

- Smart Power
- Smart Connect
- Smart Connect App
  - AudioDirSelect
- Smart Remote
- Smart Remote App
- External receiver S with FOG = 45 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- External receiver M with FOG = 60 dB  
(IEC 60118-7:2005, ANSI S3.22-2009)
- Customised CLIC MOULD 2.0 (Open or Power)
- Click Domes (Open, Semi-open, Closed or Double)
- AutoPhone Set

## PROGRAMMING ADAPTER

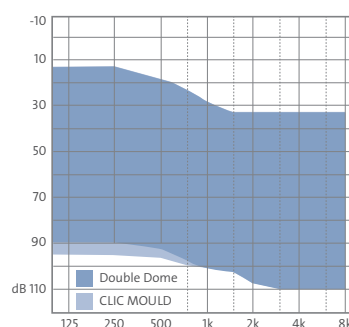
- Adapter 13

Art.-No. 108 24 470

## HOUSING COLORS

	Beige		Dark Grey		Black
	Tobacco		Silver		Bronze
	Grey		Pearly-White		

## FITTING RANGE



\* = 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting

P = Patent

# Sun 16 G3

Gain 70 dB



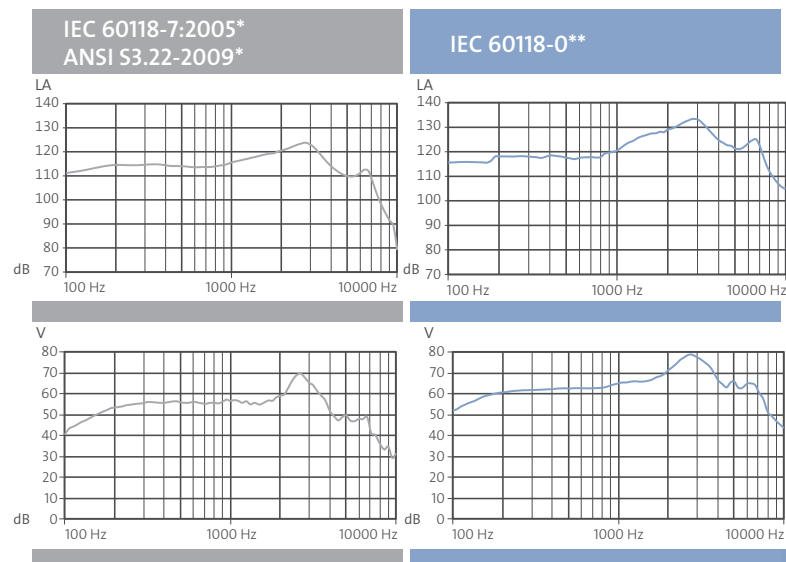
## MAXIMUM OUTPUT

Input = 90 dB

## MAXIMUM GAIN

Input = 50 dB

## TECHNICAL INFORMATION



SATURATION OSPL 90		
Peak value at 90 dB	124 dB	133 dB
1.600 Hz (RTF)	119 dB	127 dB
HFA (High Frequency Average)	119 dB	122 dB
FULL ON GAIN		
Peak value at 50 dB	70 dB	80 dB
1.600 Hz	56 dB	68 dB
HFA (High Frequency Average)	60 dB	68 dB
Reference test gain	42 dB	53 dB
TECHNICAL FEATURES		
Battery size	13	13
Battery life	203 Hours	203 Hours
Frequency response	100 – 7500 Hz	100 – 8.100 Hz
Battery current consumption	1,00 mA	1,00 mA
Equivalent noise level	18 dB	20 dB
Telecoil sensitivity, measured in 1 mA/M	83 dB	89 dB
Distortion		
500 Hz	1%	3%
800 Hz	2%	3%
1.600 Hz	1%	2%

\* Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2ccm coupler

\*\* Technical data measured in accordance with IEC 60118-0 at ear simulator coupler



### WARNING

Small parts present a choking hazard.  
This device is not suitable for fitting to babies, small children or mentally disabled persons.



### WARNING

The maximum output levels of the hearing systems can reach or exceed 132 dB SPL.  
Risk of injury to the hearing of the wearer. ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 7.4 and AudioFit 7.4 or higher.