

## 626–668 MHz



### Zusatzinformation für Sennheiser Systeme der Serie evolution wireless G3

Für die Übertragung steht im UHF-Band ein 42 MHz breiter Frequenzbereich mit 1680 möglichen Sende-/Empfangsfrequenzen zur Verfügung.

Die Sender und Empfänger verfügen über jeweils 20 Kanalbänke, auf denen werkseitig eine Frequenz voreingestellt ist. Innerhalb einer Kanalbank sind die Frequenz-Presets untereinander intermodulationsfrei. Sie sind nicht veränderbar.

In den Kanalbänken „U“ (ew 100: Bank „U“, ew 300/ew 500: Bank „U1“–„U6“) können Sie in 25-kHz-Schritten Frequenzen frei einstellen und abspeichern. Diese sind unter Umständen **nicht** intermodulationsfrei.

Die Frequenz-Presets in den Kanalbänken „1“ bis „20“ sind in der folgenden Tabelle dargestellt:

- ew 100 G3 Serie: die ersten 12 Kanäle je Kanalbank
- ew 300 G3 Serie: die ersten 24 Kanäle je Kanalbank
- ew 500 G3 Serie: max. 32 Kanäle je Kanalbank

Folgende Werkseinstellungen sind mit dem Menüpunkt **Reset** jederzeit wieder abrufbar:

Auto Lock	inaktiv
Sensitivity	SK –30 dB SKM –18 dB
RF Power	standard (ew 300, ew 500)
Mute Mode	AF On/Off (SK: alle, SKM: 300)
Squelch	low/5 dBµV
AF Out	EM +18 dB EK 0 dB
Equalizer	flat
Guitar Tuner	inaktiv (ew 100, ew 500)
Name	Name der Serie
Pilot Tone	wird mit Reset nicht zurückgesetzt
User Bänke	werden mit Reset nicht zurückgesetzt
Sync Settings	inaktiv (ew 300, ew 500)
Warnings	aktiv (ew 300, ew 500)
IP Address	auto-IP (ew 300, ew 500)

### Additional information for Sennheiser evolution wireless G3 systems

Transmitters and receivers are available in a 42 MHz UHF frequency range with a total of 1,680 transmission/receiving frequencies.

Transmitters and receivers have 20 frequency banks respectively. Each of the channels in the frequency banks has been factory-preset to a frequency. The frequency presets within one frequency bank are intermodulation-free. These frequencies cannot be changed.

The frequency banks “U” (ew 100: bank “U”, ew 300/ew 500: banks “U1”–“U6”) allow the user to store individual frequencies which are freely selectable in 25-kHz steps. It might be that these frequencies are **not** intermodulation-free.

The following table lists the frequency presets in the frequency banks “1” to “20”:

- ew 100 G3 series: the first 12 channels in a frequency bank
- ew 300 G3 series: the first 24 channels in a frequency bank
- ew 500 G3 series: max. 32 channels in a frequency bank

The following factory-preset default settings can be recalled any time via the **Reset** menu item:

Auto Lock	inactive
Sensitivity	SK –30 dB SKM –18 dB
RF Power	standard (ew 300, ew 500)
Mute Mode	AF On/Off (SK: all, SKM: 300)
Squelch	low/5 dBµV
AF Out	EM +18 dB EK 0 dB
Equalizer	flat
Guitar Tuner	inactive (ew 100, ew 500)
Name	name of the series
Pilot Tone	will not be reset
User banks “U”	will not be reset
Sync Settings	inactive (ew 300, ew 500)
Warnings	active (ew 300, ew 500)
IP Address	auto-IP (ew 300, ew 500)

Frequenzbereich / Frequency Range / Bande de fréquence / Rango de frecuencia **B****626–668 MHz**

## US TV-channel

Ch. 40 (626–632 MHz) Ch. 44 (650–656 MHz)  
 Ch. 41 (632–638 MHz) Ch. 45 (656–662 MHz)  
 Ch. 42 (638–644 MHz) Ch. 46 (662–668 MHz)  
 Ch. 43 (644–650 MHz)

## EBU TV-channel

Ch. 40 (622–630 MHz) Ch. 43 (646–654 MHz)  
 Ch. 41 (630–638 MHz) Ch. 44 (654–662 MHz)  
 Ch. 42 (638–646 MHz) Ch. 45 (662–670 MHz)

Channel	Bank 1	Bank 2	Bank 3	Bank 4	Bank 5	Bank 6	Bank 7	Bank 8	Bank 9	Bank 10	
ew 100 ew 300 ew 500	1	626,300	632,350	638,450	644,550	650,200	656,350	662,750	632,925	626,000	626,000
	2	626,750	632,800	639,050	645,450	650,750	656,800	663,150	635,425	626,875	626,400
	3	627,450	633,750	639,450	646,650	651,600	657,450	663,950	639,350	627,500	627,000
	4	628,450	634,350	640,200	647,200	652,800	657,850	664,500	640,050	630,175	627,800
	5	628,900	635,700	640,750	648,050	653,250	659,050	665,650	648,500	632,625	629,000
	6	629,700	636,200	641,550	648,500	654,300	659,900	666,100	653,950	634,800	630,600
	7	630,800	636,900	642,600	649,150	654,700	660,900	667,050	655,350	639,625	632,800
	8	631,750	637,300	643,450	649,650	655,600	661,600	667,550	656,250	640,825	636,000
	9	640,550	628,850	628,550	630,500	630,500	626,250	627,550	659,025	650,525	638,400
	10	646,100	641,600	649,700	636,050	641,750	637,000	629,750	665,175	661,700	643,200
	11	653,300	647,150	655,700	659,600	665,300	640,900	642,450	665,675	663,625	647,200
↓	12	659,150	665,300	663,050	666,800	665,900	652,150	649,700	667,275	668,000	651,600
	13	635,450	643,100	629,000	627,950	626,150	627,050	626,250	631,200	626,375	659,000
	14	636,500	643,850	630,200	632,300	627,500	628,000	630,750	633,750	627,900	662,400
	15	642,650	648,200	634,100	632,900	628,100	631,350	632,950	636,025	628,425	667,600
	16	651,200	652,250	648,050	635,450	629,900	631,900	634,450	638,500	629,125	628,175
	17	655,100	653,000	650,600	638,300	631,250	632,700	637,300	640,450	629,575	629,475
	18	658,100	656,450	657,350	651,950	633,050	638,750	638,950	643,650	630,975	631,300
	19	659,900	658,250	661,400	653,300	633,800	643,700	640,450	653,000	631,525	633,850
	20	661,550	661,250	662,600	660,200	636,050	647,300	644,250	655,875	633,350	637,625
	21	662,300	662,300	664,250	661,850	636,800	653,100	647,450	660,050	636,375	640,150
	22	665,750	663,050	666,050	662,450	646,550	666,100	653,850	661,200	641,400	641,175
	23	666,650	664,550	666,500	665,150	658,850	667,050	656,100	662,500	642,250	649,950
↓	24	667,700	666,950	667,700	666,200	660,200	667,850	661,200	667,700	643,975	654,975
	25	632,900	626,150	626,450	626,150	626,600	629,400	626,800	636,750	644,725	657,675
	26	638,150	626,900	627,650	633,950	635,450	630,450	630,150	641,425	646,200	660,975
	27	646,850	628,100	632,000	640,850	639,350	636,250	636,450	651,150	653,875	661,900
	28	650,150	641,150	633,200	642,200	649,400	639,500	637,800		655,050	664,625
	29	651,800	653,600	656,450	643,250	658,250	643,250	639,800		660,625	665,250
	30	656,150	655,700	659,450	659,150	661,250	650,650	640,850		661,275	664,125
	31	663,500	660,350	660,650	663,650	662,450	663,700	651,350		667,050	663,375
↓	32	664,550	665,900	667,250	667,550	664,100	664,500	659,100		643,375	
Bemerkung - Land - Benutzer- gruppe - sonstiges	USA TV- Kanal 40 und andere	USA TV- Kanal 41 und andere	USA TV- Kanal 42 und andere	USA TV- Kanal 43 und andere	USA TV- Kanal 44 und andere	USA TV- Kanal 45 und andere	USA TV- Kanal 46 und andere	Vereinigtes Königreich - standorts- spezifische Lizenz erforderlich	kompletter Arbeits- bereich (1)	kompletter Arbeits- bereich (2)	
Note - country - user group - other	US TV-Ch. 40 + more	US TV-Ch. 41 + more	US TV-Ch. 42 + more	US TV-Ch. 43 + more	US TV-Ch. 44 + more	US TV-Ch. 45 + more	US TV-Ch. 46 + more	UK - Site specific licence required	Full range (1)	Full range (2)	
Remarque - pays - grp. d'uti- lisateurs - divers	Etats-Unis canal TV 40 et autres	Etats-Unis canal TV 41 et autres	Etats-Unis canal TV 42 et autres	Etats-Unis canal TV 43 et autres	Etats-Unis canal TV 44 et autres	Etats-Unis canal TV 45 et autres	Etats-Unis canal TV 46 et autres	Royaume-Uni - licence spécifique à un site requise	Pleine bande (1)	Pleine bande (2)	
Nota - país - grupo de usuarios - otros	EE.UU. canal TV 40 y otros	EE.UU. canal TV 41 y otros	EE.UU. canal TV 42 y otros	EE.UU. canal TV 43 y otros	EE.UU. canal TV 44 y otros	EE.UU. canal TV 45 y otros	EE.UU. canal TV 46 y otros	Reino Unido - Precisa licencia local	Rango de trabajo completo (1)	Rango de trabajo completo (2)	

Channel	Bank 11	Bank 12	Bank 13	Bank 14	Bank 15	Bank 16	Bank 17	Bank 18	Bank 19	Bank 20	Bank U* Bank U1-U6**
ew 100 ew 300 ew 500	1	626,100	626,200	626,050	626,175	626,300	626,375	626,150	667,850	626,100	628,100
	2	626,500	626,600	626,450	626,575	626,700	626,775	626,525	667,475	626,975	628,475
	3	627,100	627,200	626,950	627,075	627,200	627,275	626,975	667,025	627,600	628,975
	4	627,900	628,000	627,550	627,675	627,800	627,875	627,500	666,500	630,275	629,600
	5	629,100	629,200	628,000	628,125	628,250	628,325	628,100	665,900	632,725	630,350
	6	630,700	630,800	628,550	628,675	628,800	628,875	628,775	665,225	634,900	631,350
	7	632,900	633,000	629,200	629,325	629,450	629,525	629,525	664,475	639,725	632,975
	8	636,100	636,200	630,550	630,675	630,800	630,875	630,425	663,575	640,925	634,975
	9	638,500	638,600	631,250	631,375	631,500	631,575	631,625	662,375	650,625	637,100
	10	643,300	643,400	632,700	632,825	632,950	633,025	633,125	660,875	661,800	640,100
	11	647,300	647,400	633,450	633,575	633,700	633,775	634,850	659,150	663,725	641,350
	12	651,700	651,800	635,150	635,275	635,400	635,475	637,325	656,675	626,475	644,475
	13	659,100	659,200	636,550	636,675	636,800	636,875	640,400	653,600	628,000	647,975
	14	662,500	662,600	639,150	639,275	639,400	639,475	642,575	651,425	628,525	652,725
	15	667,700	667,800	640,950	641,075	641,200	641,275	645,350	648,650	629,225	658,350
	16	628,275	628,375	642,100	642,225	642,350	642,425	649,025	644,975	629,675	663,350
	17	629,575	629,675	644,000	644,125	644,250	644,325	652,175	641,825	631,075	666,100
	18	631,400	631,500	648,650	648,775	648,900	648,975	656,675	637,325	631,625	631,850
	19	633,950	634,050	653,200	653,325	653,450	653,525	658,550	635,450	633,450	632,475
	20	637,725	637,825	654,000	654,125	654,250	654,325	661,850	632,150	636,475	633,850
	21	640,250	640,350	657,950	658,075	658,200	658,275	665,675	628,325	641,500	634,350
	22	641,275	641,375	660,300	660,425	660,550	660,625	666,725	627,275	642,350	637,725
	23	650,050	650,150	661,250	661,375	661,500	661,575	629,925	626,100	644,075	638,975
	24	655,075	655,175	666,350	666,475	666,600	666,675	635,275	626,725	644,825	639,475
	25	657,775	657,875	667,600	667,725	667,850	667,925	639,000	630,700	646,300	642,225
	26	661,075	661,175					644,575	631,500	653,975	642,725
	27	662,000	662,100					649,725	638,275	655,150	648,475
	28	664,725	664,825					655,725	644,275	660,725	649,100
	29	665,350	665,450					662,500	649,425	661,375	649,600
	30	664,225	664,325					663,300	655,000	667,150	650,975
	31	663,475	663,575					667,275	658,725	643,475	652,225
	32							667,900	664,075		653,850
Bemerkung - Land - Benutzer- gruppe - sonstiges	kompletter Arbeits- bereich (3)	kompletter Arbeits- bereich (4)	kompletter Arbeits- bereich (5)	kompletter Arbeits- bereich (6)	kompletter Arbeits- bereich (7)	kompletter Arbeits- bereich (8)	kompletter Arbeits- bereich (9)	kompletter Arbeits- bereich (10)	kompletter Arbeits- bereich (11)	kompletter Arbeits- bereich (12)	
Note - country - user group - other	Full range (3)	Full range (4)	Full range (5)	Full range (6)	Full range (7)	Full range (8)	Full range (9)	Full range (10)	Full range (11)	Full range (12)	
Remarque - pays - grp. d'uti- lisateurs - divers	Pleine bande (3)	Pleine bande (4)	Pleine bande (5)	Pleine bande (6)	Pleine bande (7)	Pleine bande (8)	Pleine bande (9)	Pleine bande (10)	Pleine bande (11)	Pleine bande (12)	
Nota - país - grupo de usuarios - otros	Rango de trabajo completo (3)	Rango de trabajo completo (4)	Rango de trabajo completo (5)	Rango de trabajo completo (6)	Rango de trabajo completo (7)	Rango de trabajo completo (8)	Rango de trabajo completo (9)	Rango de trabajo completo (10)	Rango de trabajo completo (11)	Rango de trabajo completo (12)	

\* ew 100 – frei wählbare Frequenzen / freely selectable frequencies / fréquences au choix / frecuencias de libre elección

\*\* ew 300/ew 500 – frei wählbare Frequenzen / freely selectable frequencies / fréquences au choix / frecuencias de libre elección







