

## 734–776 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 **C****734–776 MHz****US TV-channel**

Ch. 58 (734–740 MHz) Ch. 62 (758–764 MHz)  
 Ch. 59 (740–746 MHz) Ch. 63 (764–770 MHz)  
 Ch. 60 (746–752 MHz) Ch. 64 (770–776 MHz)  
 Ch. 61 (752–758 MHz)

**EBU TV-channel**

Ch. 54 (734–742 MHz) Ch. 58 (766–774 MHz)  
 Ch. 55 (742–750 MHz) Ch. 59 (774–782 MHz)  
 Ch. 56 (750–758 MHz)  
 Ch. 57 (758–766 MHz)

Channel	Bank 1	Bank 2	Bank 3	Bank 4	Bank 5	Bank 6	Bank 7	Bank 8	Bank 9	Bank 10
1	734,000	734,000	734,100	734,200	734,050	734,125	734,250	734,375	734,100	734,300
2	734,875	734,400	734,500	734,600	734,450	734,525	734,650	734,775	734,975	734,750
3	735,500	735,000	735,100	735,200	734,950	735,025	735,150	735,275	735,600	735,450
4	738,175	735,800	735,900	736,000	735,550	735,625	735,750	735,875	738,275	736,450
5	740,625	737,000	737,100	737,200	736,000	736,075	736,200	736,325	740,725	736,900
6	742,800	738,600	738,700	738,800	736,550	736,625	736,750	736,875	742,900	737,700
7	747,625	740,800	740,900	741,000	737,200	737,275	737,400	737,525	747,725	738,800
8	748,825	744,000	744,100	744,200	738,550	738,625	738,750	738,875	748,925	739,750
9	758,525	746,400	746,500	746,600	739,250	739,325	739,450	739,575	758,625	748,550
10	769,700	751,200	751,300	751,400	740,700	740,775	740,900	741,025	769,800	754,100
11	771,625	755,200	755,300	755,400	741,450	741,525	741,650	741,775	771,725	761,300
12	776,000	759,600	759,700	759,800	743,150	743,225	743,350	743,475	734,475	767,150
13	734,375	767,000	767,100	767,200	744,550	744,625	744,750	744,875	736,000	743,450
14	735,900	770,400	770,500	770,600	747,150	747,225	747,350	747,475	736,525	744,500
15	736,425	775,600	775,700	775,800	748,950	749,025	749,150	749,275	737,225	750,650
16	737,125	736,175	736,275	736,375	750,100	750,175	750,300	750,425	737,675	759,200
17	737,575	737,475	737,575	737,675	752,000	752,075	752,200	752,325	739,075	763,100
18	738,975	739,300	739,400	739,500	756,650	756,725	756,850	756,975	739,625	766,100
19	739,525	741,850	741,950	742,050	761,200	761,275	761,400	761,525	741,450	767,900
20	741,350	745,625	745,725	745,825	762,000	762,075	762,200	762,325	744,475	769,550
21	744,375	748,150	748,250	748,350	765,950	766,025	766,150	766,275	749,500	770,300
22	749,400	749,175	749,275	749,375	768,300	768,375	768,500	768,625	750,350	773,750
23	750,250	757,950	758,050	758,150	769,250	769,325	769,450	769,575	752,075	774,650
24	751,975	762,975	763,075	763,175	774,350	774,425	774,550	774,675	752,825	775,700
25	752,725	765,675	765,775	765,875	775,600	775,675	775,800	775,925	754,300	740,900
26	754,200	768,975	769,075	769,175					761,975	746,150
27	761,875	769,900	770,000	770,100					763,150	754,850
28	763,050	772,625	772,725	772,825					768,725	758,150
29	768,625	773,250	773,350	773,450					769,375	759,800
30	769,275	772,125	772,225	772,325					775,150	764,150
31	775,050	771,375	771,475	771,575					751,475	771,500
32	751,375									772,550
Bemerkung - Land - Benutzer- gruppe - sonstiges	kompletter Arbeits- bereich (1)	kompletter Arbeits- bereich (2)	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)
Note - country - user group - other	Full range (1)	Full range (2)	Full range (3)	Full range (4)	Full range (5)	Full range (6)	Full range (7)	Full range (8)	Full range (9)	Full range (10)
Remarque - pays - grp. d'uti- lisateurs - divers	Pleine bande (1)	Pleine bande (2)	Pleine bande (3)	Pleine bande (4)	Pleine bande (5)	Pleine bande (6)	Pleine bande (7)	Pleine bande (8)	Pleine bande (9)	Pleine bande (10)
Nota - país - grupo de usuarios - otros	Rango de trabajo completo (1)	Rango de trabajo completo (2)	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)

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	740,350	746,450	752,550	758,200	764,350	770,750	766,125	740,125	734,150	775,850
	2	740,800	747,050	753,450	758,750	764,800	771,150	766,500	740,500	734,525	775,475
	3	741,750	747,450	754,650	759,600	765,450	771,950	767,000	741,000	734,975	775,025
	4	742,350	748,200	755,200	760,800	765,850	772,500	768,500	741,625	735,500	774,500
	5	743,700	748,750	756,050	761,250	767,050	773,650	769,500	742,625	736,100	773,900
	6	744,200	749,550	756,500	762,300	767,900	774,100	770,625	744,000	736,775	773,225
	7	744,900	750,600	757,150	762,700	768,900	775,050	772,250	745,750	737,525	772,475
	8	745,300	751,450	757,650	763,600	769,600	775,550	773,500	747,625	738,425	771,575
	9	736,850	736,550	738,500	738,500	734,250	735,550	774,125	748,375	739,625	770,375
	10	749,600	757,700	744,050	749,750	745,000	737,750	774,875	750,375	741,125	768,875
	11	755,150	763,700	767,600	773,300	748,900	750,450	767,375	751,625	742,850	767,150
▼	12	773,300	771,050	774,800	773,900	760,150	757,700	768,125	742,000	745,325	746,675
	13	751,100	737,000	735,950	734,150	735,050	734,250	769,125	744,375	748,400	761,600
	14	751,850	738,200	740,300	735,500	736,000	738,750	771,375	746,250	750,575	759,425
	15	756,200	742,100	740,900	736,100	739,350	740,950	771,875	747,250	753,350	756,650
	16	760,250	756,050	743,450	737,900	739,900	742,450		749,250	757,025	752,975
	17	761,000	758,600	746,300	739,250	740,700	745,300		749,750	760,175	749,825
	18	764,450	765,350	759,950	741,050	746,750	746,950		750,750	764,675	745,325
	19	766,250	769,400	761,300	741,800	751,700	748,450			766,550	743,450
	20	769,250	770,600	768,200	744,050	755,300	752,250			769,850	740,150
	21	770,300	772,250	769,850	744,800	761,100	755,450			773,675	736,325
	22	771,050	774,050	770,450	754,550	774,100	761,850			774,725	735,275
	23	772,550	774,500	773,150	766,850	775,050	764,100			737,925	734,100
▼	24	774,950	775,700	774,200	768,200	775,850	769,200			743,275	734,725
	25	734,150	734,450	734,150	734,600	737,400	734,800			747,000	738,700
	26	734,900	735,650	741,950	743,450	738,450	738,150			752,575	739,500
	27	736,100	740,000	748,850	747,350	744,250	744,450			757,725	746,275
	28	749,150	741,200	750,200	757,400	747,500	745,800			763,725	752,275
	29	761,600	764,450	751,250	766,250	751,250	747,800			770,500	757,425
	30	763,700	767,450	767,150	769,250	758,650	748,850			771,300	763,000
	31	768,350	768,650	771,650	770,450	771,700	759,350			775,275	766,725
▼	32	773,900	775,250	775,550	772,100	772,500	767,100			775,900	772,075
Bemerkung - Land - Benutzer- gruppe - sonstiges	kompletter Arbeits- bereich (11)	kompletter Arbeits- bereich (12)	kompletter Arbeits- bereich (13)	kompletter Arbeits- bereich (14)	kompletter Arbeits- bereich (15)	kompletter Arbeits- bereich (16)	Österreich 766-775 MHz	Korea 740-752 MHz	kompletter Arbeits- bereich	kompletter Arbeits- bereich	
Note - country - user group - other	Full range (11)	Full range (12)	Full range (13)	Full range (14)	Full range (15)	Full range (16)	Austria 766-775 MHz	Korea 740-752 MHz	Full range	Full range	
Remarque - pays - grp. d'uti- lisateurs - divers	Pleine bande (11)	Pleine bande (12)	Pleine bande (13)	Pleine bande (14)	Pleine bande (15)	Pleine bande (16)	Autriche 766-775 MHz	Corée 740-752 MHz	Pleine bande	Pleine bande	
Nota - país - grupo de usuarios - otros	Rango de trabajo completo (11)	Rango de trabajo completo (12)	Rango de trabajo completo (13)	Rango de trabajo completo (14)	Rango de trabajo completo (15)	Rango de trabajo completo (16)	Austria 766-775 MHz	Korea 740-752 MHz	Rango de trabajo completo	Rango de trabajo completo	

\* 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







