

World Audio Levels and Common Meter Scales



Volts	dBu	IEC I Nordic	IEC IIa (BBC)	IEC IIb	DIN (RTW)	VU		EBU R68	SMPTE RP155	DIN (German)
						Standard	France			
12.277 V	24dBu								0 dBfs	
10.941 V	23dBu								-1 dBfs	
9.752 V	22dBu								-2 dBfs	
8.691 V	21dBu								-3 dBfs	
7.746 V	20dBu								-4 dBfs	
6.904 V	19dBu								-5 dBfs	
6.153 V	18dBu							0 dBfs	-6 dBfs	
5.484 V	17dBu							-1 dBfs	-7 dBfs	
4.887 V	16dBu							-2 dBfs	-8 dBfs	
4.356 V	15dBu							-3 dBfs	-9 dBfs	0 dBfs
3.882 V	14dBu							-4 dBfs	-10 dBfs	-1 dBfs
3.460 V	13dBu							-5 dBfs	-11 dBfs	-2 dBfs
3.084 V	12dBu	+12	7	+12				-6 dBfs	-12 dBfs	-3 dBfs
2.748 V	11dBu	+11		+11	+5			-7 dBfs	-13 dBfs	-4 dBfs
2.449 V	10dBu	+10		+10	+4			-8 dBfs	-14 dBfs	-5 dBfs
2.183 V	9dBu	+9		+9	+3			-9 dBfs	-15 dBfs	-6 dBfs
1.946 V	8dBu	+8	6	+8	+2			-10 dBfs	-16 dBfs	-7 dBfs
1.734 V	7dBu	+7		+7	+1	+3		-11 dBfs	-17 dBfs	-8 dBfs
1.546 V	6dBu	+6		+6	0	+2		-12 dBfs	-18 dBfs	-9 dBfs
1.377 V	5dBu	+5		+5	-1	+1		-13 dBfs	-19 dBfs	-10 dBfs
1.228 V	4dBu	+4	5	+4	-2	0		-14 dBfs	-20 dBfs	-11 dBfs
1.094 V	3dBu	+3		+3	-3	-1		-15 dBfs	-21 dBfs	-12 dBfs
0.975 V	2dBu	+2		+2	-4	-2		-16 dBfs	-22 dBfs	-13 dBfs
0.869 V	1dBu	+1		+1	-5	-3	+3	-17 dBfs	-23 dBfs	-14 dBfs
0.775 V	0dBu	test	4	test	-6	-4	+2	-18 dBfs	-24 dBfs	-15 dBfs
0.690 V	-1dBu	-1		-1	-7	-5	+1	-19 dBfs	-25 dBfs	-16 dBfs
0.615 V	-2dBu	-2		-2	-8	-6	0	-20 dBfs	-26 dBfs	-17 dBfs
0.548 V	-3dBu	-3		-3	-9	-7	-1	-21 dBfs	-27 dBfs	-18 dBfs
0.489 V	-4dBu	-4	3	-4	-10	-8	-2	-22 dBfs	-28 dBfs	-19 dBfs
0.436 V	-5dBu	-5		-5	-11	-9	-3	-23 dBfs	-29 dBfs	-20 dBfs
0.388 V	-6dBu	-6		-6	-12	-10	-4	-24 dBfs	-30 dBfs	-21 dBfs
0.346 V	-7dBu	-7		-7	-13	-11	-5	-25 dBfs	-31 dBfs	-22 dBfs
0.308 V	-8dBu	-8	2	-8	-14	-12	-6	-26 dBfs	-32 dBfs	-23 dBfs
0.275 V	-9dBu	-9		-9	-15	-13	-7	-27 dBfs	-33 dBfs	-24 dBfs
0.245 V	-10dBu	-10		-10	-16	-14	-8	-28 dBfs	-34 dBfs	-25 dBfs
0.218 V	-11dBu	-11		-11	-17	-15	-9	-29 dBfs	-35 dBfs	-26 dBfs
0.195 V	-12dBu	-12	1	-12	-18	-16	-10	-30 dBfs	-36 dBfs	-27 dBfs
0.173 V	-13dBu	-13			-19	-17	-11	-31 dBfs	-37 dBfs	-28 dBfs
0.155 V	-14dBu	-14			-20	-18	-12	-32 dBfs	-38 dBfs	-29 dBfs
0.138 V	-15dBu	-15			-21	-19	-13	-33 dBfs	-39 dBfs	-30 dBfs
0.123 V	-16dBu	-16			-22	-20	-14	-34 dBfs	-40 dBfs	-31 dBfs
0.109 V	-17dBu	-17			-23		-15	-35 dBfs	-41 dBfs	-32 dBfs
97.5 mV	-18dBu	-18			-24		-16	-36 dBfs	-42 dBfs	-33 dBfs
86.9 mV	-19dBu	-19			-25		-17	-37 dBfs	-43 dBfs	-34 dBfs
77.5 mV	-20dBu	-20			-26		-18	-38 dBfs	-44 dBfs	-35 dBfs
69.0 mV	-21dBu	-21			-27		-19	-39 dBfs	-45 dBfs	-36 dBfs
61.5 mV	-22dBu	-22			-28		-20	-40 dBfs	-46 dBfs	-37 dBfs
54.8 mV	-23dBu	-23			-29			-41 dBfs	-47 dBfs	-38 dBfs
48.9 mV	-24dBu	-24			-30			-42 dBfs	-48 dBfs	-39 dBfs

The Highlight indicates standard line up level used with each scale

DIN (German) systems also use "RTW 0" or "-9dBfs as a line up level which is referred to as 100%

EBU "R68" is more widely known as "BBC Spec" and is common to the UK and some EU countries

SMPTE "RP155" is in common usage in Nth America , Oceania and Asia