

## APPENDIX A: CONNECTORS AND PINNING TABLES

### EEG CONNECTORS (REFERENTIAL)

The **eego** amplifier has two EEG input connectors, EEG IN 1 and EEG IN 2. The 68-pin high-density, high-quality connectors give access to the 64 shielded referential inputs, the reference electrode and the patient ground, and are typically used according to the pinning tables below.

eego amplifier EEG IN 1 connector			
Channel Number	Electrode CA-200/201	Pin numbers, 68-pin high-density connector	
		active	shield
-	GND	34	68
Ref 1	Fp1	33	67
Ref 2	Fpz	32	66
Ref 3	Fp2	31	65
Ref 4	F7	30	64
Ref 5	F3	29	63
Ref 6	Fz	28	62
Ref 7	F4	27	61
Ref 8	F8	26	60
Ref 9	FC5	25	59
Ref 10	FC1	24	58
Ref 11	FC2	23	57
Ref 12	FC6	22	56
Ref 13	M1	21	55
Ref 14	T7	20	54
Ref 15	C3	19	53
Ref 16	Cz	18	52
Ref 17	C4	17	51
Ref 18	T8	16	50
Ref 19	M2	15	49
Ref 20	CP5	14	48
Ref 21	CP1	13	47
Ref 22	CP2	12	46
Ref 23	CP6	11	45
Ref 24	P7	10	44
Ref 25	P3	9	43
Ref 26	Pz	8	42
Ref 27	P4	7	41
Ref 28	P8	6	40
Ref 29	POz	5	39
Ref 30	O1	4	38
Ref 31	O2	3	37
Ref 32	EOG	2	36
-	REF	1	35

eego amplifier EEG IN 2 connector			
Channel Number	Electrode CA-200	Pin numbers, 68-pin high-density connector	
		active	shield
-	not connected	34	68
Ref 33	AF7	33	67
Ref 34	AF3	32	66
Ref 35	AF4	31	65
Ref 36	AF8	30	64
Ref 37	F5	29	63
Ref 38	F1	28	62
Ref 39	F2	27	61
Ref 40	F6	26	60
Ref 41	FC3	25	59
Ref 42	FCz	24	58
Ref 43	FC4	23	57
Ref 44	C5	22	56
Ref 45	C1	21	55
Ref 46	C2	20	54
Ref 47	C6	19	53
Ref 48	CP3	18	52
Ref 49	CP4	17	51
Ref 50	P5	16	50
Ref 51	P1	15	49
Ref 52	P2	14	48
Ref 53	P6	13	47
Ref 54	PO5	12	46
Ref 55	PO3	11	45
Ref 56	PO4	10	44
Ref 57	PO6	9	43
Ref 58	FT7	8	42
Ref 59	FT8	7	41
Ref 60	TP7	6	40
Ref 61	TP8	5	39
Ref 62	PO7	4	38
Ref 63	PO8	3	37
Ref 64	Oz	2	36
-	not connected	1	35

One of the connectors can also be used with the XS-260 bipolar adapter; see its datasheet for details.