

## A18 Amplifier

### Plug connector overview

Number	X-pin, colour	Description
X18771	15-pin, black	Plug connector A Amplifier (Top Hifi)
X18772	18-pin, black	Plug connector B Amplifier (Top Hifi)
X18773	26-pin, blue	Plug connector C Amplifier (Top Hifi)

### Pin assignments at plug connector X18771

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	Positive signal, subwoofer speaker 1	Subwoofer speaker
2	A	Positive signal, subwoofer speaker 2	Subwoofer speaker
3	A	Positive activation, rear left loudspeaker	Left rear speaker
4	A	Radio ON/antenna signal	Radio Antenna amplifier
5	E	Negative activation, rear right loudspeaker	Right rear speaker
6	E	Negative signal, subwoofer speaker 4	Subwoofer speaker
7	E	Negative signal, subwoofer speaker 3	Subwoofer speaker
8	E	Terminal 30	Fuse F72
9	E	Negative signal, subwoofer speaker 1	Subwoofer speaker
10	E	Negative signal, subwoofer speaker 2	Subwoofer speaker
11	A	Touring	Left rear speaker

12	A	Touring	Right rear speaker
13	E	Positive signal, subwoofer speaker 4	Subwoofer speaker
14	E	Positive signal, subwoofer speaker 3	Subwoofer speaker
15	M	Terminal 31	Ground point

### Pin assignments at plug connector X18772

Pin	Type	Description / Signal type	Connection / Measuring notes
1		Not used	
2	E	Negative signal, low frequency	Telephone connector
3		Not used	
4		Not used	
5	E/A	I-bus signal line	Connector X18344
6		Not used	
7		Not used	
8	E	Negative activation, front right loudspeaker	N9 Radio/Top Hifi
9	E	Negative activation, front left loudspeaker	N9 Radio/Top Hifi
10		Not used	
11	A	Positive signal, low frequency	Telephone connector

12		Not used	
13	E	Telephone mute signal	Telephone connector
14		Not used	
15	E	Telephone ON signal	Telephone connector
16		Not used	
17	E	Positive activation, front right loudspeaker	N9 Radio/Top Hifi
18	E	Positive activation, front left loudspeaker	N9 Radio/Top Hifi

### Pin assignments at plug connector X18773

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	Positive activation, front left woofer	Left front speaker
2	M	Negative activation, front left woofer	Left front speaker
3		Not used	
4	M	Negative activation, front right medium-range speaker	Right front speaker
5	A	Positive activation, front left mid-range speaker	Left front speaker
6		Not used	
7		Not used	

8		Not used	
9	A	Positive activation, front right medium-range speaker	Right front speaker
10	M	Negative activation, front left mid-range speaker	Left front speaker
11	A	Positive activation, rear right medium-range speaker/tweeter	Right rear speaker
12	A	Positive activation, front right tweeter	Right front speaker
13	A	Positive activation, front right woofer	Right front speaker
14	A	Positive activation, front left tweeter	Left front speaker
15	M	Negative activation, front left tweeter	Left front speaker
16	M	Negative activation, rear left medium-range speaker/tweeter	Left rear speaker
17		Not used	
18		Not used	
19	A	Positive activation, rear left medium-range speaker/tweeter	Left rear speaker
20		Not used	
21		Not used	
22		Not used	

23		Not used	
24	M	Negative activation, rear right medium-range speaker/tweeter	Right rear speaker
25	M	Negative activation, front right tweeter	Right front speaker
26	M	Negative activation, front right woofer	Right front speaker