

## A18 Amplifier

### Connector overview

Number	X-pin, color	Description
X18771	15-pin, black	Connector A Hifi-amplifier (Top Hifi)
X18772	18-pin, black	Connector B Hifi-amplifier (Top Hifi)
X18773	26-pin, black	Connector C Hifi-amplifier (Top Hifi)

### Pin assignments at connector X18771

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	Subwoofer speaker 1 voltage signal	Subwoofer speaker
2	A	Subwoofer speaker 2 voltage signal	Subwoofer speaker
3	A	LH rear loudspeaker voltage control Touring LH rear loudspeaker ground control	Left rear speaker
4	A	Radio ON/antenna signal	Radio
5	E	RH rear loudspeaker ground control Touring RH rear loudspeaker voltage control	Right rear speaker
6	E	Saloon only Subwoofer speaker 4 negative signal	Subwoofer speaker
7	E	Saloon only Subwoofer speaker 3 negative signal	Subwoofer speaker
8	E	Terminal 30	Fuse F56

9	E	Subwoofer speaker 1 negative signal	Subwoofer speaker
10	E	Subwoofer speaker 2 negative signal	Subwoofer speaker
11	A	Touring LH rear loudspeaker voltage control	Left rear speaker
12	A	RH rear loudspeaker voltage control Touring RH rear loudspeaker voltage control	Right rear speaker
13	E	Saloon only Subwoofer speaker 4 voltage signal	Subwoofer speaker
14	E	Saloon only Subwoofer speaker 3 voltage signal	Subwoofer speaker
15	M	Terminal 31	Ground point

### Pin assignments at connector X18772

Pin	Type	Description / Signal type	Connection / Measuring notes
1		Not used	
2	E	Low frequency negative signal	Transceiver/charging electronics Basic interface, telephone
3		Not used	
4		Not used	
5	E/A	I-bus signal line	Splice X18344
6		Not used	

7		Not used	
8	E	RH front loudspeaker ground control	Radio
9	E	LH front loudspeaker ground control	Radio
10		Not used	
11	A	Low frequency voltage signal	Transceiver/charging electronics Basic interface, telephone
12		Not used	
13	E	Telephone mute signal	Transceiver/charging electronics Basic interface, telephone
14		Not used	
15	E	Telephone ON signal	Transceiver/charging electronics Basic interface, telephone
16		Not used	
17	E	RH front loudspeaker voltage control	Radio
18	E	LH front loudspeaker voltage control	Radio

### Pin assignments at connector X18773

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	LH front woofer voltage control	Left front speaker

2	A	LH front woofer ground control	Left front speaker
3		Not used	
4	A	RH front medium-range speaker ground control	Right front speaker
5	A	Left front mid-range speaker voltage control	Left front speaker
6		Not used	
7		Not used	
8		Not used	
9	A	RH front medium-range speaker voltage control	Right front speaker
10	A	Left front mid-range speaker ground control	Left front speaker
11	A	Positive activation, rear right medium-range speaker/tweeter	Right rear speaker
12	A	RH front tweeter voltage control	Right front speaker
13	A	RH front woofer voltage control	Right front speaker
14	A	LH front tweeter voltage control	Left front speaker
15	A	LH front tweeter ground control	Left front speaker
16	A	Negative activation, rear left	Left rear speaker

		medium-range speaker/tweeter	
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	A	Negative activation, rear right medium-range speaker/tweeter	Right rear speaker
25	A	RH front tweeter ground control	Right front speaker
26	A	RH front woofer ground control	Right front speaker