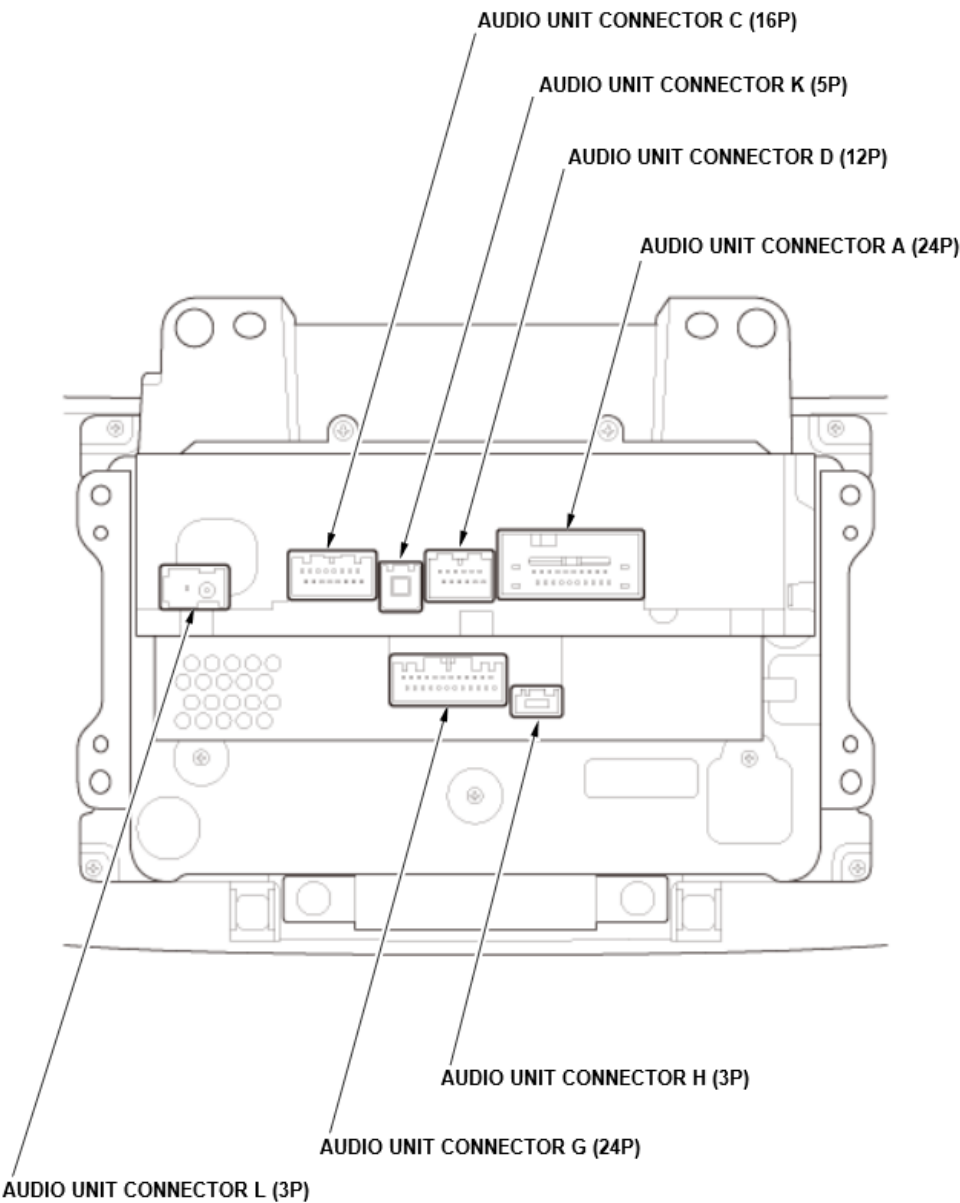


Audio Unit Connector for Inputs and Outputs



AUDIO UNIT CONNECTOR A (24P)

Cavity	Wire Color	Terminal Name	Description
A1	BLK	GND	Ground for audio unit (G505)
A2	BLU	B-CAN_L	Communication signal
A3	LT BLU	+B AUDIO	Continuous power source
A4	PNK	B-CAN_H	Communication signal
A5	YEL	RL SPKR+	Outputs sound signal for left rear speaker
A6	BRN	RL SPKR—	Outputs sound signal for left rear speaker
A7	Not used	Not used	-----
A8	Not used	Not used	-----
A9	BLU	RR SPKR+	Outputs sound signal for right rear speaker
A10	TAN	RR SPKR—	Outputs sound signal for right rear speaker
A11	BRN	REMOTE SW GND	Audio remote switch ground
A12	YEL	SCTY RADIO SW2	Security signal from multi-information display unit
A13	LT BLU	K LINE	Detects scan tool signal (serial data)
A14	Not used	Not used	-----
A15	LT GRN	FL SPKR+	Outputs sound signal for left front speaker and left tweeter
A16	PNK	FL SPKR—	Outputs sound signal for left front speaker and left tweeter
A17	Not used	Not used	-----
A18	Not used	Not used	-----
A19	GRY	FR SPKR+	Outputs sound signal for right front speaker and right tweeter
A20	RED	FR SPKR—	Outputs sound signal for right front speaker and right tweeter
A21	LT GRN	SWD+B	Outputs signal for active noise cancellation unit switching on/off
A22	PNK	AUDIO REMOTE SW	Detects control signal from audio remote switch
A23	GRN	DISPLAY SW	Detects control signal from audio remote switch (DISPLAY button)
A24	PUR	ACC	Power source for accessories

AUDIO UNIT CONNECTOR C (16P)

Cavity	Wire Color	Terminal Name	Description
C1	Not used	Not used	-----
C2	Not used	Not used	-----
C3	Not used	Not used	-----
C4	PNK	ANC CHK2	Outputs ANC test signal
C5	RED	ANC F+	Inputs noise cancelling signal from active noise cancellation unit
C6	WHT	ANC F—	Inputs noise cancelling signal from active noise cancellation unit
C7	BLK	SH MIC	Shield for terminal No. 16
C8	WHT	MIC PWR	Power source for HFL microphone
C9	LT BLU	HFT/NAVI REMOTE SW	Detects control signal from HFL switch
C10	Not used	Not used	-----
C11	PUR	HFT MUTE	HFL mute signal
C12	Not used	Not used	-----
C13	BLK	ANC R+	Inputs noise cancelling signal from active noise cancellation unit
C14	GRN	ANC R—	Inputs noise cancelling signal from active noise cancellation unit
C15	PNK	MIC+	Ground for HFL microphone
C16	LT GRN	MIC+L	Inputs microphone signal positive

AUDIO UNIT CONNECTOR D (12P)

Cavity	Wire Color	Terminal Name	Description
D1	YEL	GA BUS —	GA-Net bus communication signal
D2	GRY	SH GA BUS	Shield for terminals No. 1 and No. 7
D3	Not used	Not used	-----
D4	Not used	Not used	-----
D5	Not used	Not used	-----
D6	Not used	Not used	-----
D7	BRN	GA BUS +	GA-Net bus communication signal
D8	Not used	Not used	-----
D9	Not used	Not used	-----
D10	Not used	Not used	-----
D11	Not used	Not used	-----
D12	Not used	Not used	-----

AUDIO UNIT CONNECTOR G (24P)

Cavity	Wire Color	Terminal Name	Description
G1	Not used	Not used	-----
G2	GRY	SH CAMERA	Shield for terminals No. 3, No. 4, No. 15, and No. 16
G3	RED	CAMERA V GND	Ground for video signal
G4	WHT	CAMERA GND	Ground for rearview camera
G5	Not used	Not used	-----
G6	BLU	BSM SW	LaneWatch on/off signal from LaneWatch switch
G7	Not used	Not used	-----
G8	WHT	BSM VID GND	Ground for LaneWatch camera
G9	GRY	SH BSM	Shield for terminals No. 8, No. 20, No. 21, No. 22, and No. 23
G10	Not used	Not used	-----
G11	Not used	Not used	-----
G12	Not used	Not used	-----
G13	Not used	Not used	-----
G14	Not used	Not used	-----
G15	GRN	CAMERA V	Video signal for rearview camera
G16	BLK	CAMERA VCC	Power source for rearview camera
G17	LT BLU	CAMERA ADPT	Control signal for rearview camera
G18	Not used	Not used	-----
G19	Not used	Not used	-----
Cavity	Wire Color	Terminal Name	Description
G20	BLK	BSM VID	Video signal for LaneWatch camera
G21	RED	BSM VCC	Power source for LaneWatch camera
G22	YEL	UNIT TO BSM	Communication signal for LaneWatch camera
G23	GRN	BSM TO UNIT	Communication signal for LaneWatch camera
G24	Not used	Not used	-----

AUDIO UNIT CONNECTOR H (3P)

Cavity	Wire Color	Terminal Name	Description
H1	-----	GVIF -	Outputs video signal for multi-information display
H2	-----	GVIF +	Outputs video signal for multi-information display
H3	-----	SH GVIF	Shield for terminals No. 1 and No. 2

AUDIO UNIT CONNECTOR K (5P)

Cavity	Wire Color	Terminal Name	Description
K1	-----	USB GND	Ground for communication signal
K2	-----	USB VBUS	Outputs power source for USB device
K3	-----	USB DATA +	Communication signal
K4	-----	USB DATA -	Communication signal
K5	-----	USB SH	Shield for terminals No. 1, No. 2, No. 3, and No. 4

AUDIO UNIT CONNECTOR L (3P)

Cavity	Wire Color	Terminal Name	Description
L1	BLK	SWD +B	Power source for AM/FM antenna
L2	-----	AM/FM	Inputs AM/FM signal
L3	BLK	SH (AM/FM)	Shield for terminal No. 2