

HP E3245A 12-Channel Audio Output Breakout Box

Product Overview

**12-channel mini-phone
plug breakout box to
26-pin high-density
connector.**

May 1998

The HP E3245A is an audio breakout box. It connects twelve 3.5mm monaural phono plugs to a 26-pin high-density connector via a two meter shielded cable. Each phono plug is wired to the high-density connector via a unique twisted pair of wires.

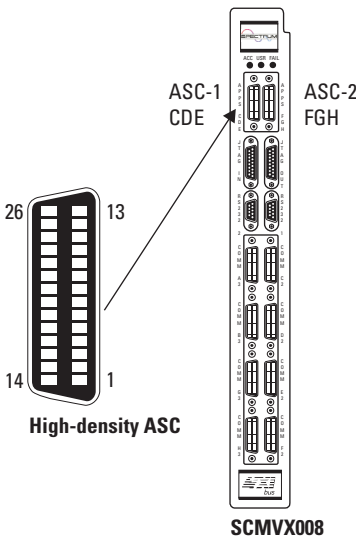
The HP E3245A allows easy integration of VXI hardware into operational recording environments.

The HP E3245A is commonly used with the HP SCM VX008, a C-size VXI digital signal processor module, configured with option 040, a

4-channel digital drop receiver (DDR) TIM-40 board. Each DDR module has four audio outputs that are routed to the high-density application specific connectors (ASC) on the front-panel of the HP SCM VX008. The HP E3245A provides phono-plug connections for to up to 12 of these outputs.

Use two HP E3245A breakout boxes to realize a total of 24 audio DDR channels from a single HP SCM VX008 module that is loaded with six option 040 DDR modules.

Audio Connections



HP E3245A
12-Channel Audio
Output Breakout Box



Connection/ Pin-out Table

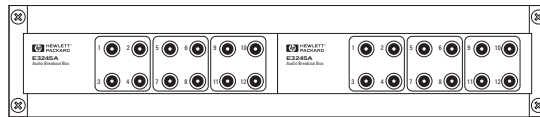
Mini-Phono Plug connector numbers (shown at left)	TIM-40 Nodes (shown above)		High-density connector pins (shown above)	
	ASC-1	ASC-2	Signal	Return
1	C	F	15	14
2	C	F	3	4
3	C	F	2	1
4	C	F	16	17
5	D	G	19	18
6	D	G	7	8
7	D	G	6	5
8	D	G	20	21
9	E	H	23	22
10	E	H	11	12
11	E	H	10	9
12	E	H	24	25

Note: Pins 13 and 26 are not connected

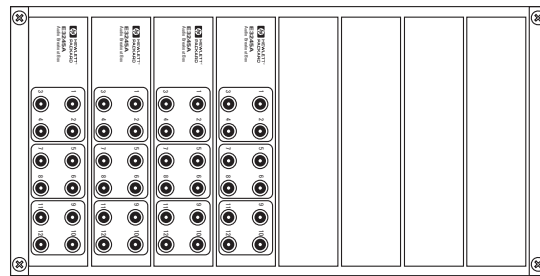
Options

Opt. AXM	Rack mount kit (Holds two HP E3245A units)
Opt. AXN	Rack mount kit (Holds eight HP E3245A units)

The HP 35655-00200 shown with two HP E3245A breakout boxes installed



The HP 35655-C02 shown with four HP E3245A breakout boxes installed



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Ordering Information

HP E3245A	12-Channel Audio Breakout Box
Opt. AXM	Rack (2) Mount Kit
Opt. AXN	Rack (8) Mount Kit

Related Literature

HPSCMVX008
Product Overview 5966-3438E
Technical Data 5966-3437E

General Characteristics for the HP E3245A

Number of channels: Twelve

Connectors: 3.5mm mono-mini phono (common to audio headphones)

Cable to VXI module: One 2 meter shield cable

Mechanical dimensions:

Width:	45 mm
Length:	211 mm
Depth:	45 mm
Weight:	403 g, including cable

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