

# FREE APPLICATION DESIGN SERVICE

Bogen's Application Design Service was created to assist with the design of paging systems for any and every project encountered. It's fast, comprehensive, and **FREE**. So let us design it for you!

The Application Design Service provides:

- **Speaker Placement Design**
- **Complete Bill of Material** - This includes product description, model number, and quantity. We can even fax it to the distributor of your choice for pricing, if you wish.
- **Connectivity Drawings**
- **Scope of Work**
- **Detailed Assumptions**
- **Red-lined Blueprints** (blueprints must be supplied; AutoCAD® accepted)



[www.bogen.com/support/pdfs/requestform.pdf](http://www.bogen.com/support/pdfs/requestform.pdf)

Here's how the Application Design Service works:

1. You provide information about the project (see *Design Request Form* on our website: [www.bogen.com/support/pdfs/requestform.pdf](http://www.bogen.com/support/pdfs/requestform.pdf)). For large or complex applications, your local Bogen Field Sales Manager can visit the site for exact specifications.
2. Bogen will provide you with a working technical bid response document... and then all you have to do is deliver it.

A copy of the bid will also be sent to your local Bogen Field Sales Manager for immediate follow-up, and to see if you have any questions or need additional assistance.

**Put Bogen's resources and expertise to work for you.**

No application is too big, small, simple, or complex for Bogen paging products.

**Call 1-800-999-2809 (option 2)**  
for more information or to send in a project for us to work on right now.

# FREE PRODUCT LITERATURE

Available Online at: [www.bogen.com](http://www.bogen.com)



- ▶ **SPEC SHEETS**
- ▶ **MANUALS**
- ▶ **NEW PRODUCTS**
- ▶ **PRODUCT CATALOG**
- ▶ **A&E SPECS**

**Product Updates via e-mail**

Sign Up For **FREE** Product Literature Updates by E-mail at



[www.bogen.com](http://www.bogen.com)

# MODEL INDEX

Category Index on Page 84

109-2140	1, 80	FMR	57	S86T725PG8U/WBRVR	9
109-2151	1, 80	GA2/GA6A	42	S86T725PG8U/WVVK	9
2518/2520/2522	62, 81	GCU250	59	S86T725PG8U/WVVR	9
A2/T	4-5	GDU150	59	S810/T725	14
A6/T	4-5	GS35/60/100/150/250	41	S810T725PG8U/W	9
A8/T	4-5	GSRPK	41, 80	S810T725PG8U/WVVK	9
A12	5	GSRVC	41, 80	S810T725PG8U/WVVR	9
ACD2X2/U	23	GSTRC	41, 80	SAH5/15/30	26
ADP1	54	HDO100	59	SAX1R	39
AFDS2	81	HDU150/250	59	SB6	60
AH5/15A	28	HFCS1/LP	6	SBA225	62, 81
AMBSL/Q1	24	HFSF1	7	SCR25A	62, 81
AMT-12/15	1	HSES10	12, 16, 28, 80	SCU250	60
ANS1R	40	HS7/15/30EZ	16	SCW20/35	11
ANS500M	40, 51	HTA125/250A	46	SF4	60
ANS501	51	IH8A	12	SG8W	14
ASM1	24	KFLDS30T	12	SGHD8	11
ASTB4	4, 81	LMM/R1S	39	SI35A	62
ASUG1/DK	23	M300/450/600	45	SLC	29
ASWB1	25	MA3	39, 80	SM1EZ	15
ASWG1/DK	23	MAC	60	SM4T	15
AT10/35A	13	MAX1R	39	SMTB	15, 24, 80
ATP10/35	13	MB8TSLVR	10	SP58A/158A/308A	12
ATS70GB	1, 80	MB8TSQ/VR	10	SPS2406/10/25/54	30
BAL2S	39	MBS1000A	58, 62	SPT5/15/30A	12
BBF/S	40, 80	MC27	59	SRCA6	81
BBFM6/BBSM6	11	MC28	58	T725/10	81
BC1	12, 16, 26, 28, 80	MFM	60	TAMB	32, 36, 52, 53
BCBC	81	MGN19	59	TB8	9, 16, 23, 80
BCBM	81	MIC1S/X	39	TBA15	36, 52
BCBRA	81	MIC2S/X	39	TBCR	2, 6, 80
BCBRBP	81	MR8	9, 16, 23, 80	TBL1S	39
BCHM	58, 81	MSM	60	TBSF	7, 80
BCHRBP	81	MT250D	46	TCSPT1	12, 16, 28, 80
BCIRS	81	MVP130/210/410/810BG	37	TEL1S	39
BCLM	81	NR100	51	TG4C	53
BCWBT	81	OCS1	2	TL100/600	46, 80
BCWHT	81	OPS1B/W	3	TL156	62, 81
BCWR	81	PCM2000	34-35	TMA812	5, 80
BCYA	81	PCMCPU/TBM/TIM/ZPM	34-35	TNG1S	39
BDT30A	12	PCMPS2	30, 35, 81	TPU15A	43
BPA60	46	PEQ1R	40	TPU35/60/100B	43
BRG1R	39	PG8A/U/W	14	TPU250	43
BUFEX	29	PI35A	62	TWK351	62, 81
C10, C10MOH, C20	42	PM3180	47	UBP16	58
C35/60/100	42	PRS2403	30, 51	UDMS16BP/HH	58
CA10A/11A/17	62, 81	PRS40C	30, 52, 53, 57	UDR16	58
CAM2	50	PRS48	30, 32, 36, 39	UHT16	58
CAM8/PRO	49	PRSLSI	25, 32, 36	UT1	31
CDR1	57, 62	PVMC	38, 45, 48, 80	UT1312	33
CG8A/W	14	PVSC	38, 48, 80	V35/60/100/150/250	38
CK10/B/W	2, 3, 6, 7, 80	R8/T	4	VAR1	52
CMP1R	40	RE84	9, 16, 23, 80	VHSK	63, 81
CS1EZ	16	RIO1S	40	VHUB	63
CSD1X2/VR(U)	8	RK78	57, 80	VMIX	48
CSD1X2NB/VR(U)	8	RMPWMMK3	47, 80	VRS1/2	13
CSD2X2L(U)	8	RPK35B	42, 50, 80	WB1EZ	16
CSD2X2VR(U)	8	RPK50	42, 80	WB8	14
CSUB	7	RPK53	46, 80	WBS8T725/BR/BRV/V	10
DCM290P	55	RPK79	47, 80	WBS810T725	10
DDU250	58, 62	RPK82	43, 80	WCU250	60
DFT120	53	RPK84	35, 80	WMAD	40, 80
DRZ35	56	RPK86	44, 45, 80	WMK1	42, 50, 80
DS3	60	RPK87	38, 48, 80	WMT1A	41, 42, 43, 46, 53, 54, 62
DST1	55	RPK88	35, 80	WSGCU250	59
Enhancer	61	RPK89	58, 80	WV100/150/250	40
ESYS1/2/3/4/M	61	RPK90	58, 80	X300/450/600	44
FG15B/W	11	RPKUT11	31, 80	XLR25	60
FG20S	11	RVCP	38, 40, 48, 80	ZPM3	36, 52
FG30	11	S86/T725/BR	14	ZX3	33
FGSM/W	11, 80	S86T725PG8U/W	9		
FMH15T	11	S86T725PG8U/WBR	9		
FMHAR8	11	S86T725PG8U/WBRVK	9		

NOTE: Products are featured on pages which are listed in boldface type.

INDEX

www.bogen.com

BOGEN®

83

Accessories, Product	80-81	Horn Speakers	11-12, 16	Speakers, Drop-In Ceiling	8
Ambient Noise Sensor Systems	40, 51	Horn Speakers, Self-Amplified (24V)	26-28	Speakers, Drop-In Ceiling, Self-Amplified (24V)	23
Amplifier Features Chart	78	HTA-Series Power Amplifiers	46	Speakers, Easy Design	15-16
Amplifier Specs Chart	79	Input Modules, Advanced	39	Speakers, Easy Install	15
Amplifiers	38-47	Insertion Tool	81	Speakers, Easy Install, Self-Amplified (24V)	24
Amplifiers, Black Max Power	44	Intercoms	62	Speakers, Foreground FG-Series	11
Amplifiers, Classic Series	42	Interfaces, Telephone	31-33	Speakers, Horn	11-12, 16
Amplifiers, Dual-Channel	44-45	Landscape Speakers, Rock	4	Speakers, Horn, Self-Amplified (24V)	26-28
Amplifiers, GA-Series	42	Level Controls, 24V Systems	29	Speakers, Landscape Rock	4
Amplifiers, Gold Seal Series	41	Line/MIC Input Modules	39	Speakers, Metal Box	10
Amplifiers, HTA-Series	46	Literature, Product	82	Speakers, Metal Box, Self-Amplified (24V)	24
Amplifiers, M-Class	45	Loop Start Interface/Power Supply	25	Speakers, NEAR	2-5
Amplifiers, Modular	38, 40	M-Class Amplifiers	45	Speakers, Outdoor	4-5, 11-12
Amplifiers, Power	44-46	Metal Box Speakers	10	Speakers, Outdoor, Self-Amplified (24V)	26-28
Amplifiers, Power Vector Series	38, 40	Metal Box Speakers, Self-Amplified (24V)	24	Speakers, Passive	1-16
Amplifiers, Pro-Matrix Digital	47	MIC Input Modules	39	Speakers, Pendant	3
Amplifiers, Public Address	41-42	Microphones & Accessories	58-60	Speakers, Rock Landscape	4
Amplifiers, Talk Back	52	Microphones, Boundary	60	Speakers, Self-Amplified (24V)	22-29
Amplifiers, Telephone Paging	43	Microphones, Desktop	58	Speakers, Sound Columns	11
Amplifiers, TPU-Series	43	Microphones, Gooseneck	59	Speakers, Splashproof	11
Amplifiers, Utility	42	Microphones, Handheld	59	Speakers, Surface-Mount Ceiling	15
Amplifiers, Wall-Mount	40	Microphones, Overhead	60	Speakers, Surface-Mount Ceiling (24V)	24
AMT-Series Speakers, Apogee	1	Microphones, Wireless	58	Speakers, Vandal-Resistant	11, 13
Apogee Sound Intl Speakers	1	Mixers	48-50	Speakers, Wall-Mount	10-11, 16
Application Design Service, Free	82	Module Adapter	39, 80	Speakers, Wall-Mount, Self-Amplified (24V)	24-25
A-Series Speakers	4-5	Modules, Advanced Input/Output	39-40	Speakers, Weatherproof	4-5, 11-12
Attenuators	13, 29	Mono AUX Input Module	39	Speakers, Weatherproof, Self-Amplified (24V)	26-28
Audio Enhancement Systems	61	Mounting Kits	80	Splashproof Speaker	11
Automatic Failure Detector Substitutor	81	Music & Input Sources	55-57	Stereo AUX Input Module	39
Balanced Input Module	39	NEAR Speakers	2-5	Subwoofer, Ceiling	7
Beam Clamp	12, 16, 26, 28, 80	Night Ringer	51	System Design Guide	64-77
Black Max Power Amplifiers	44	Noise Sensor Systems, Ambient	40, 51	System Design, Free Service	82
Bridging Input Module	39	Office Communications	61-63	System Guide, Easy Design	17-21
Buffer/Expander/Volume Control, 24V Systems	29	Orbit Ceiling Speakers, NEAR	2	Talk Back Amplifier	52
Call-In Switches	62, 81	Orbit Pendant Speakers, NEAR	3	Teleconference Phone	63
CAM8-Series Mixers/Pre-amps	49	Outdoor Loudspeakers	4-5, 11-12	Telephone Access Module	32
CD Players	55, 57	Outdoor Loudspeakers, Self-Amplified (24V)	26-28	Telephone Electronics	54
Ceiling Speakers	2, 6-10, 15-16	Output Modules, Advanced	40	Telephone Input Module	39
Ceiling Speakers, Self-Amplified (24V)	23-24	Paging Controllers	31-37	Telephone Interfaces	31-33
Ceiling Subwoofer	7	Paging Electronics	51-53	Telephone Paging Amplifiers	43
Charts	77-81	Paging Horn	12	Tile Bridges	80
Classic Series Amplifiers	42	Parametric Equalizer Module	40	Tone Generator	53
Compressor/Limiter Module	40	PCM2000 Paging Control System	34-35	Tone Generator Input Module	39
Cone Speakers	14	Pendant Speakers	3	TPU-Series Telephone Paging Amplifiers	43
Conference Phone	63	Phone, Teleconference	63	Transformer-Balanced Input Module	39
Connector Kits	62, 81	Power Supplies	25, 30	Transformers	54, 80
Current Units (24V Systems)	22, 68	Power Supply/Loop Start Interface	25	Tuners, AM/FM	55
Digital Feedback Elimination	53	Power Vector Amplifiers	38, 40	Utility Amplifiers	42
Door Phone, Analog	54	Power Vector Mixers	48	UTI-Series	31, 33
Drop-In Ceiling Speakers	8	Pre-Amplifiers	48-50	Vandal-Resistant Speakers	11, 13
Drop-In Ceiling Speakers, Self-Amplified (24V)	23	Pro Audio Speakers	1	Voice Enhancement System	61
Easy Design Speaker Guide	17-21	Product Literature	82	Voice-Activated Relay	52
Easy Design Speakers	15-16	Pro-Matrix Amplifier	47	VoIP Gateways for Paging	37
Easy Install Speakers	15	Receivers, AM/FM	56-57	Volume Control/Buffer/Expander, 24V Systems	29
Easy Install Speakers, Self-Amplified (24V)	24	Relay Input/Output Module	40	Wall Baffle	14
Emergency Bypass Function	13, 29	Rock Landscape Speakers	4	Wall Baffle Speakers	10, 16
Enhancer	61	Safety Cables	2, 3, 6, 7, 80	Wall Baffle Speakers, Self-Amplified (24V)	25
Enhancer Accessories	81	Self-Amplified (24V) Systems	22-30	Wall-Mount Amplifiers	40
ESYS Enhancer Packages	61	Signal Level Control, 24V Systems	29	Weatherproof Speakers	4-5, 11-12
Expander/Buffer/Volume Control, 24V Systems	29	Signal-Processing Output Modules	40	Weatherproof Speakers, Self-Amplified (24V)	26-28
Feedback Elimination, Digital	53	Site Survey Check List	72	Wide-Angle Horn Speaker	12
FG-Series Speakers	11	Sound Column Speakers	11	Zone Paging	33-37
Foreground Speakers	11	Sound Pressure Levels Chart	77		
Free Application Design Service	82	Speakers & Accessories	1-29		
GA-Series Utility Amplifiers	42	Speakers, A-Series	4-5		
Gold Seal Series Amplifiers	41	Speakers, Ceiling	2, 6-10, 15-16		
Grilles, Ceiling Speaker	14	Speakers, Ceiling, Self-Amplified (24V)	23-24		
High-Fidelity Ceiling Speakers	6-7	Speakers, Cone	14		