

IBUKI PUBLIC ADDRESSOR DPA-800



伊吹工業株式会社
IBUKI KOGYO CO., LTD.

PUBLIC ADDRESS AMPLIFIER DPA-800

IBUKI DPA-800 features digital amplification for vessels with limited bridge space. An 80W output resides within a compact, lightweight enclosure. The detachable control panel supports independent mounting on wheelhouse consoles. The amplifier activates only during broadcasting. Optimized output circuitry eliminates speaker background noise. Integrated automatic gain control prevents speaker damage from microphone overgain.



MODEL	POWER SUPPLY	RATED OUTPUT	COLOR	DIMENSIONS (W × H × D)	WEIGHT
DPA-800	AC100 / 220V / DC24V	80W	BLACK	W320 × H130 × D260 mm	6.0Kg
OUTPUT IMPEDANCE	125 Ω (100 V High-Impedance System)				
SPEAKER OUTPUT	Talkback (4 circuits) / 2-wire output (1 circuit) / 3-wire output (1 circuit) / 3-wire monitor circuit (1 circuit)				
OTHER FUNCTION	PA / GA input & output (General Alarm / Emergency Alarm), AUX input, Paging input, Dimming function Automatic power function (activated by GA / paging input), Emergency output function				

PUBLIC ADDRESS SPEAKERS (MED Certified)



IBUKI MARINE TONE Series integrates decades of maritime expertise into a comprehensive speaker lineup. Acoustic engineering ensures clear voice transmission under extreme offshore climates. High efficiency drivers reside within compact, lightweight housings to minimize power consumption. The rugged construction maintains long term durability against harsh environment. Standardized and custom models accommodate diverse vessel needs with rapid technical support.

MODEL	IMAGE	DESCRIPTION	OUTPUT IMPEDANCE	DIMENSIONS	WEIGHT
MT-1025/50		Waterproof Horn Speakers	25 / 50W 400 Ω / 200 Ω	L430 × φ 380 mm	6.0kg
MT-W3005/10/15		Waterproof Horn Speakers	5 / 10 / 15W 2K Ω / 1K Ω / 670 Ω	L300 × φ 238 mm	3.0kg
MT-W5102/5/10/15 MT-W5002/5/10/15		Wall-Mount Horn Speakers	2 / 5 / 10 / 15W 5K Ω / 2K Ω / 1K Ω / 670 Ω	W210 × H200 × D133 mm	2.0kg
MT-W5205/10/15		Compact Horn Speakers	5 / 10 / 15W 2K Ω / 1K Ω / 670 Ω	W122 × H187 × D159 mm	1.6kg
MT-N7101/02/05 MT-N7001/02/05		Flush-Mount Speakers	1 / 2 / 5W 10K Ω / 5K Ω / 2K Ω	W160 × H200 × D72 mm	1.0kg
MT-N8101/02/05 MT-N8001/02/05		Wall-Mount Speakers	1 / 2 / 5W 10K Ω / 5K Ω / 2K Ω	W160 × H200 × D99 mm	1.3kg
MT-N9101/02/05 MT-N9001/02/05		Wall-Mount Speakers	1 / 2 / 5W 10K Ω / 5K Ω / 2K Ω	W160 × H200 × D158 mm	1.5kg

IBUKI PUBLIC ADDRESSOR

DPA-800

Model	DPA-800			
Power	AC100V~AC220V (AC85V~AC260V)			
	DC24V (DC20V~DC30V)			
Ampere	AC100V 1.1A			
	AC220V 0.6A			
	DC24V 4.0A			
Rated output	80W			
Impedance	125Ω/80W (High impedance 100V) balanced			
Distortion	Less than 3% (1kHz rated output)			
Frequency response	200Hz~6kHz ±6dB			
Input/Output load impedance	Main Mic.	Abt.-40dBV	2kΩ balanced	with VR
	Mic-1	Abt.-40dBV	600Ω balanced	with VR
	Mic-2	Abt.-40dBV	600Ω balanced	with VR
	Mic-3	Abt.-40dBV	600Ω balanced	with VR
	Mic-4	Abt.-40dBV	600Ω balanced	with VR
	Paging	Abt. 0dBV	600Ω balanced	with VR
	Line	Abt. 0dBV	10kΩ balanced	φ6.3pin jack
S/N ratio	55dB over			
Indication	LED			
Standard	JIS F 0812 (IEC60945)			
Protection	IP22			
Ambient temperature	-15°C~+55°C			
Environment standard	JIS F 0812 (IEC60945)			
EMC	JIS F 0812 (IEC60945)			
Speaker output	2-core x 1: 1 Circuit (Standard 2-wire system)			
	2-core w/talk back x 4: 4 Circuits (2-wire Talkback system)			
	3-core x 1: 1 Circuit (3-wire Priority system)			
	3-core x 1 (Monitor): 1 Circuit (3-wire Local Monitor)			
Line Output	600Ω Balanced 0dB: 1 Channel			
BK Input	(Priority Interrupt) DC 24V (Range: DC 20V~30V), 10mA or less			
Chime / Alarm Tone	4-Tone Chime or 2-Tone Beep (configurable via internal DIP switch)			
Enclosure	Aluminum with electro-deposition coating			
	High corrosion resistant hot-dip coated steel sheet			
Size	W320 H130 D260(mm)			
Weight	abt.6kg			



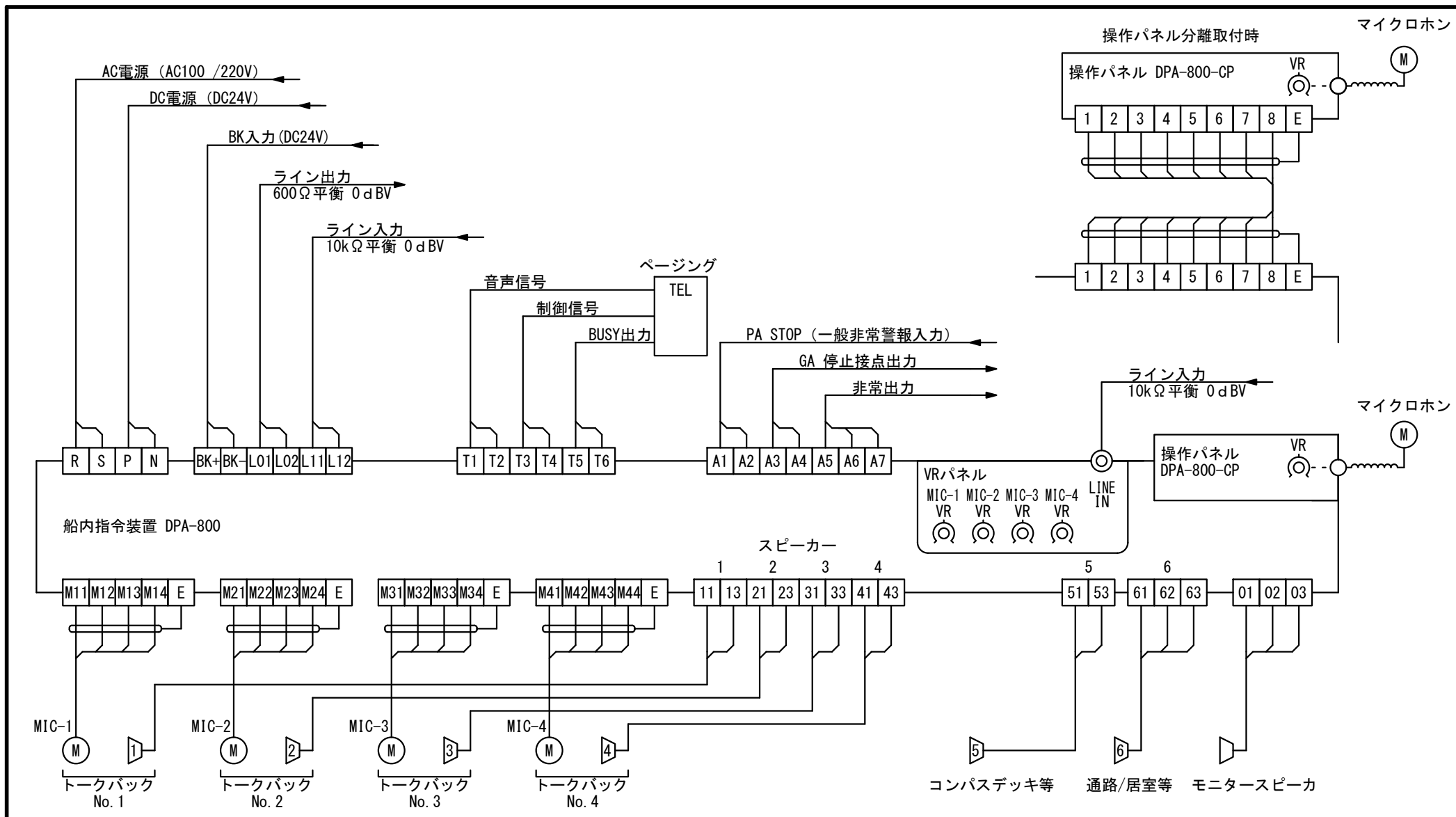
伊吹工業株式会社
IBUKI KOGYO CO., LTD.

HEAD OFFICE

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IBUKI KOGYO CO.,LTD.
伊吹工業株式会社

DPA-800

PUBLIC ADDRESSOR
船内指令装置

CONNECTION DIAGRAM

系統図

DATE

REV.

REMARKS

D. W. N.

R. Tokumoto

C. K. D.

Y. Ueda

DATE

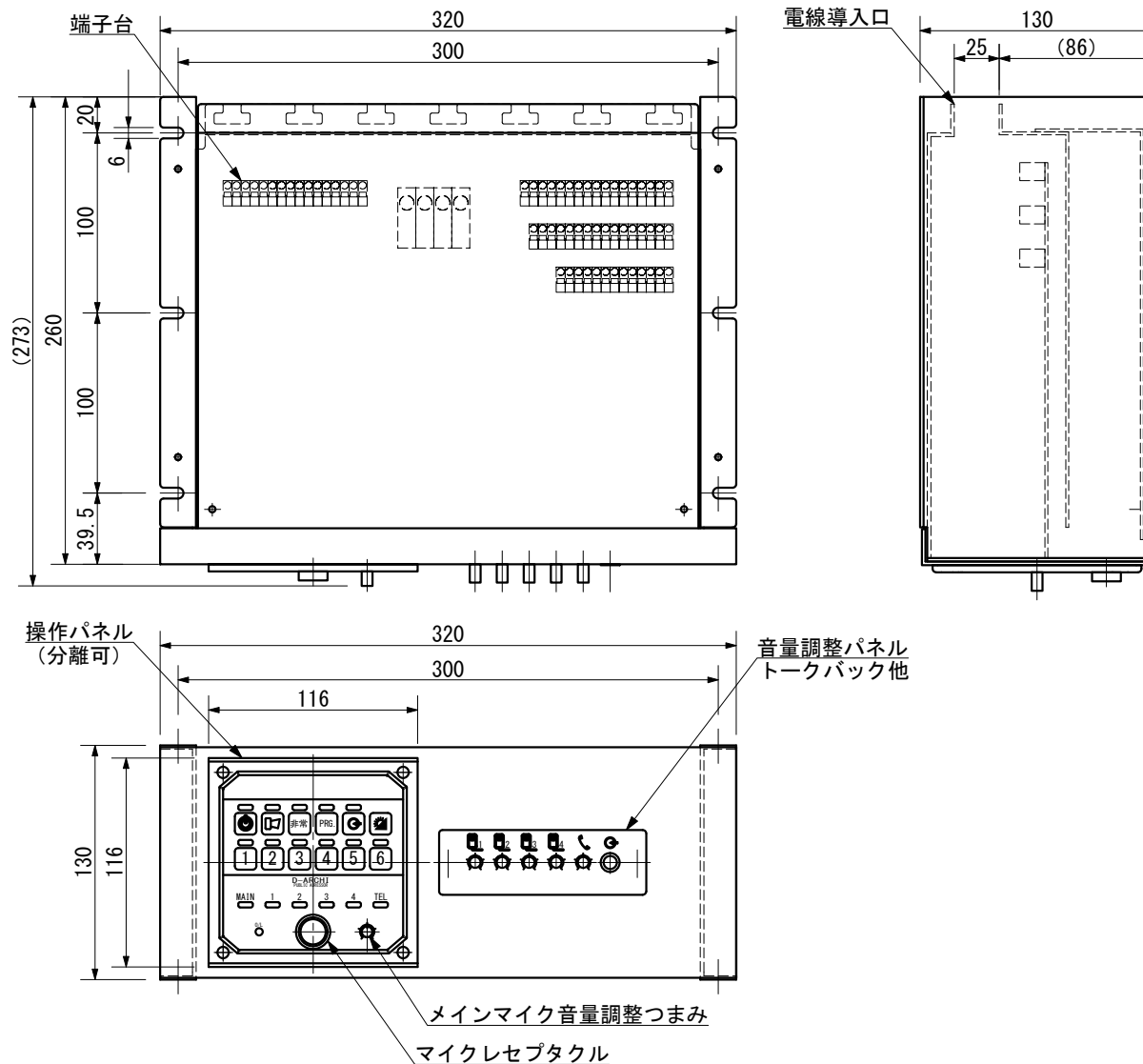
FEB. -2. 2026

SCALE

FREE

DWG. NO

CD-DPA-800



PROTECTION GRADE 保護等級	IP22
OUTPUT POWER 定格出力	80W
OUTPUT IMPEDANCE 出カインピーダンス	125Ω (Hi Imp. 100V)
POWER SOURCE 電源電圧	AC85~260V DC24V
CURRENT 電流	1.1A (AC100V) 0.6A (AC220V) 4.0A (DC 24V)
MASS 質量	6kg



IBUKI KOGYO CO.,LTD.
伊吹工業株式会社

DPA-800

PUBLIC ADDRESSOR
船内指令装置

OUTLIN VIEW
外形図

DATE

REV.

REMARKS

D. W. N.

Y. Ueda

C. K. D.

F. Shintaku

DATE

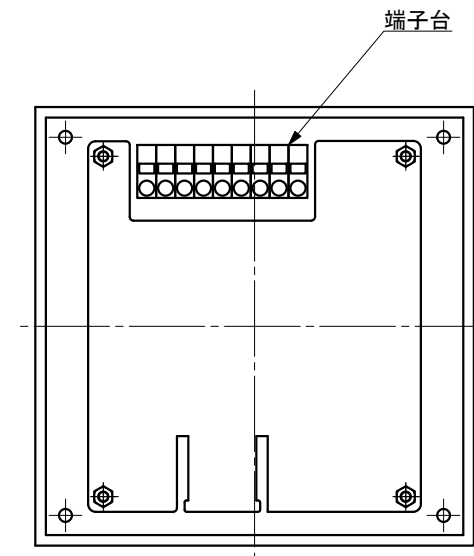
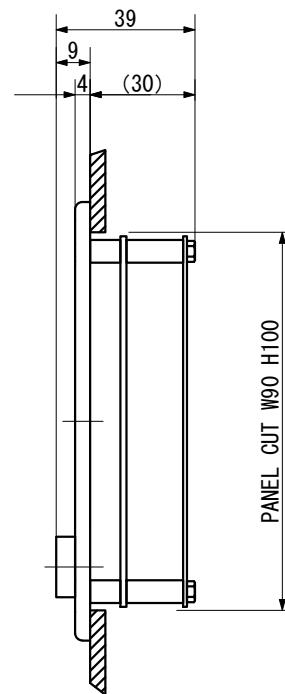
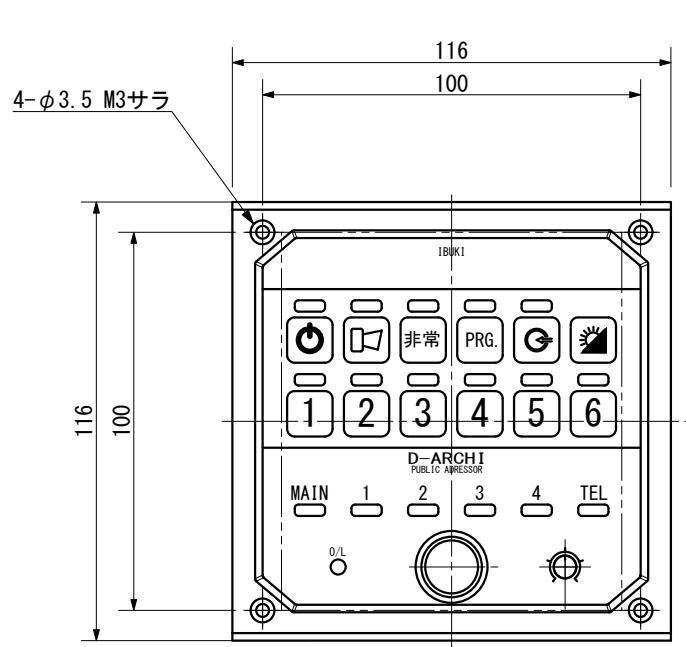
JAN. -23. 2025

SCALE

1/4

DWG. NO

EAA-7139



※DPA-800本体から分離時
※分離時は本体側に塞板EAA-7141が必要

PROTECTION GRADE 保護等級	IP22
MASS 質量	0.5kg



IBUKI KOGYO CO.,LTD.
伊吹工業株式会社

DPA-800-CP
PUBLIC ADDRESSOR
CONTROL PANEL
船内指令装置
操作パネル

OUTLIN VIEW
外形図

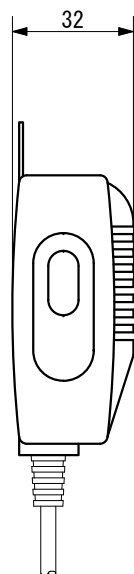
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REV.

REMARKS

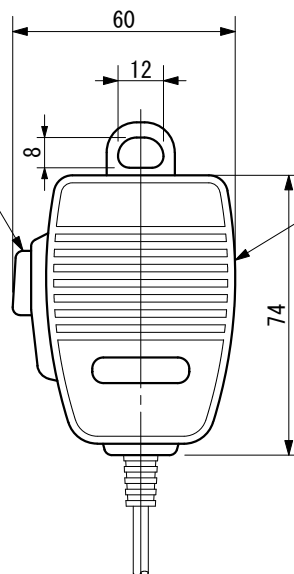
D. W. N.	Y. Ueda
C. K. D.	F. Shintaku
DATE	JAN. -23. 2025
SCALE	1/4
DWG. NO	EAA-7140

ITEM NO.	SYMBOL



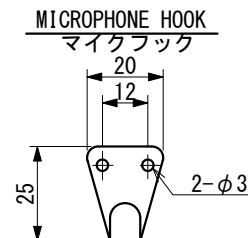
TALK SWITCH
トークスイッチ

RECEPTACLE
レセプタクル



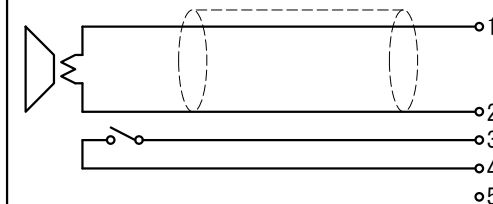
MICROPHONE
マイクロホン

CURL CABLE
カールコード 0.25m



WIRING DIAGRAM

接続図



PROTECTION GRADE 保護等級	IPX2
IMPEDANCE インピーダンス	400 Ω
SENSITIVITY 感度	-71 dB
QUANT. / VESS. 数量 / 1 隻	-
PAINTING 塗装色	BLACK / 黒
MASS 質量	0.3 kg

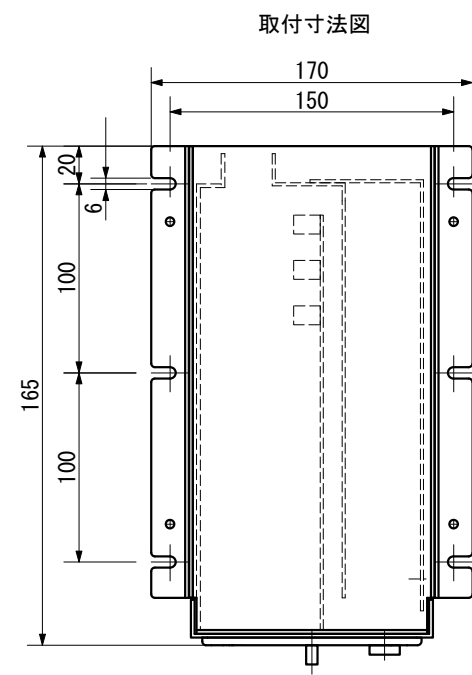
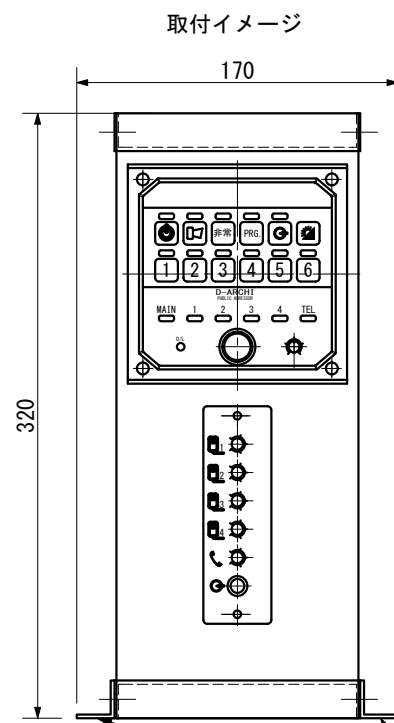
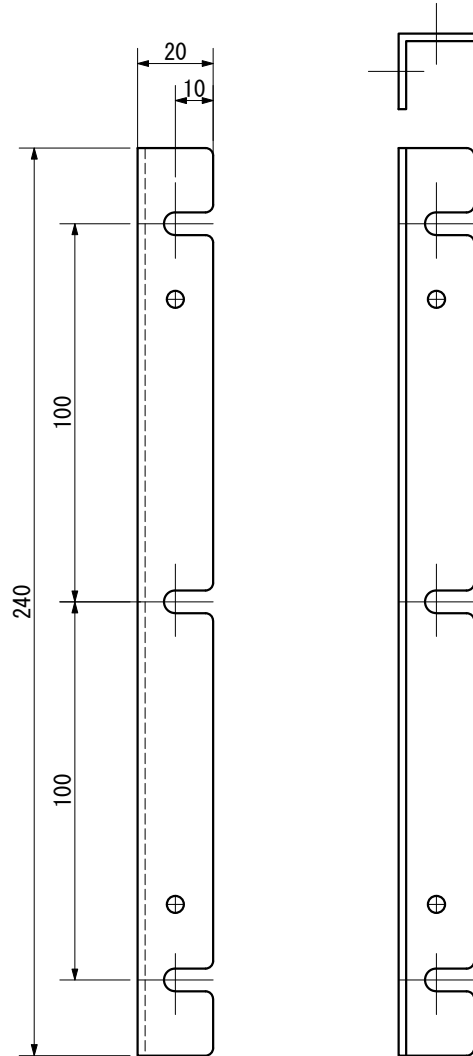
DRIP PROOF MICROPHONE
FOR MARINE USE
船用防滴マイク

*SPECIALLY DESIGNED SPEAKERS
FOR MARINE USE*

MARINE
TONE
IBUKI KOGYO

TYPE MT-F5002

DWGNO.	SP-0015	DATE	MAR.-18. 2007
IBUKI KOGYO CO., LTD OSAKA JAPAN			



縦取付プレート

※制御パネル縦取付用プレート
※2枚/セット (本体取付ねじ付属)



IBUKI KOGYO CO.,LTD.
伊吹工業株式会社

DPA-800-OP2
PUBLIC ADDRESSOR
VERTICAL MOUNTING PLATE
船内指令装置
縦取付プレート

OUTLIN VIEW
外形図

DATE	REV.	REMARKS

D. W. N.	Y. Ueda
C. K. D.	F. Shintaku
DATE	JAN. -23. 2025
SCALE	1/4
DWG. NO	EAA-7142