

# REDBACK® C 0351A

## PROFESSIONAL MULTI-FUNCTION BOUNDARY MICROPHONE

### Features:

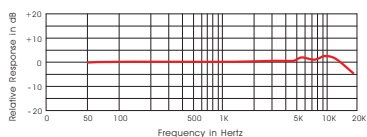
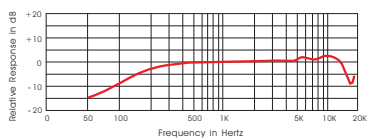
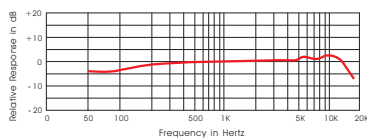
- Touch Sensitive Switch with blue LED to indicate when mic is on.
- Three operating mode switch, Talk/Lock/Mute.
- Polar pattern switch.
- Filter switch, flat/low-cut.
- Sleek design&rugged construction.
- Phantom powered.
- High quality sound.
- Rubber non-slip base.
- Supplied with 3M mini female XLR to male XLR cable.

### Specification:

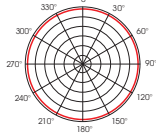
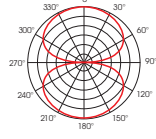
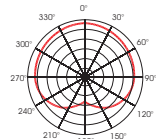
- Elements : Back Electret Condenser
- Polar pattern : Cardioid/Figure 8/Omni/Variable
- Frequency Range : 50Hz~15,000Hz
- Sensitivity : -52dB ± 3dB(0dB = 1v/microbar)
- Impedance : 200 Ω ± 30% (at 1000Hz)
- Dimension : 100(L)×92.5(W)×26(H)mm
- Connector : 3 Pin mini XLR (male)
- Switch : Touch On/Off
- Filter Switch : Flat/Low Cut
- Switch Mode : Lock/Talk/Mute
- Operating Voltage : Phantom Power, 48V~52V DC

### Frequency Response Curve & Polar Pattern:

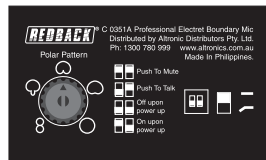
#### Frequency Graphs:



#### Polar Patterns:



### Bottom Switch:



### Output:



Mini 3 pin XLRM

### Switch Setting Guide:

The PHM956 boundary microphone's programmable switches offer the flexibility to set for every application.

#### Switch Configuration

- Push To Mute ● Mic will be in Push-to-Mute mode. Touching the membrane switch will mute the mic. Releasing the switch will turn on the mic.
- Push To Talk ● Mic will be in Push-to-Mute mode. Touching the membrane switch will turn on the mic. Releasing the switch will mute the mic.
- Off upon power up ● Mic audio will be muted when first connected to a phantom power supply. Mic will be in Push-to-lock mode.
- On upon power up ● Mic audio will be on when first connected to a phantom power supply. Mic will be in Push-to-lock mode.

#### Filter Switch

- (Flat), mic output will be flat response or natural sound.
- (Low-cut), it will reduce unwanted low frequency sensitivity coming from wind noise, floor transmitted vibration, etc.

#### Polar Pattern

Rotate the polar pattern switch for selected type of application.

- Pickup sounds coming from front and sides while rejecting sounds coming from the rear.
- Pickup sounds from both front and back.
- Pickup sounds equally from all directions.
- Pickup more sounds from front but less pickup from rear.
- Variable pattern (as pictured).