

# firstdraft

**Gallery 3** #fdsourceandreturn  
**5–27 July**  
**2017**

**Opening**  
**Wednesday 5**  
**July, 6–8pm**

**Artist Talks**  
**Thursday 27**  
**July 6–7pm**

## **Source & Return**

### **Emily Morandini**

#### **About the Work**

Source & Return is a series of artworks that explore and reimagine the materiality of electronic technologies. While most modern electronic devices obscure nearly all discernible connections to their source, they are always intertwined at multiple levels with the energies and materials of the environment. Using traditional crafting methods, cooking, and chemistry, this exhibition examines ways in which humans have engaged materials in their efforts to divine and manipulate electrical energy.

Far from the standardised, pre-packaged electronic components we are familiar with, the works in this exhibition employ craft as a means of identifying and re-examining otherwise heavily encoded technological objects. In doing so, these works bear an appreciation of the labour, resourcefulness and imagination inherent in the invention of such technologies, while also conscious of the accumulative environmental implications in regards to energy consumption, resource extraction, toxicity and waste. The artworks themselves consist of handcrafted, open, raw, functional, and hypo-functional electronic circuits using a minimal collection of substances such as fabric, rocks, salt, and minerals.

From finely sewn reproductions of digital schematics, to sounds of lightning emanating from home-cooked crystals, the works in Source & Return are the result of in-depth interrogation into the interiors of electronic technology.

#### **About the Artist**

Emily Morandini is a Sydney based artist, educator and researcher. Her art practice explores the junction of materials and energy, using traditional and unconventional crafting techniques to search for signal in unexpected places. Currently she is a PhD candidate at UNSW Art & Design.

She has exhibited in galleries such as Hawkesbury Regional Gallery, Campbelltown Arts Centre, 55 Sydenham Rd, Firstdraft Gallery, Gaffa, ICAN, and Canberra Contemporary Artspace. She has performed for the Underbelly Arts festival, What Is Music? festival, the NOWnow festival, and High Reflections.

Gallery 3  
**Emily Morandini**  
Source & Return

Gallery 4  
**Holly Macdonald**  
Dysfunctional

**13–17 Riley st**  
**Woolloomooloo NSW**  
**+61 2 8970 2999**  
**firstdraft.org.au**

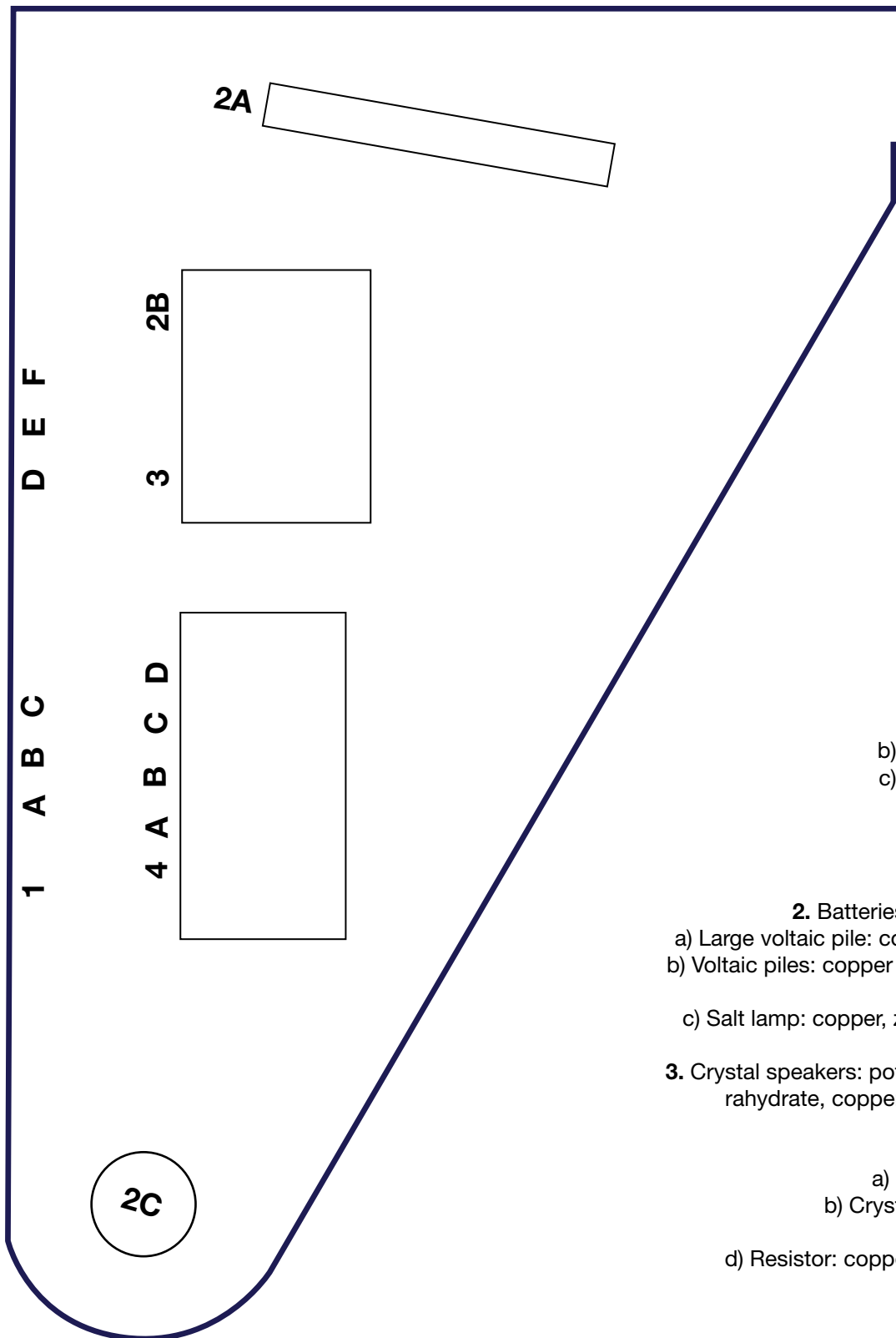
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### Source & Return

#### 1. Memory circuits

- a) PCB, MAIN (13/17)
- b) PCB, MOTHER DM48 (2/2)
- c) PCB, MOTHER DM48 (1/2)
- d) PCB, MAIN (5/17)
- e) PCB, DDMP4 (6/7)
- f) PCB, MAIN (3/17)

#### 2. Batteries (when the power runs out)

- a) Large voltaic pile: copper, zinc, cloth, salt (5.2V)
- b) Voltaic piles: copper zinc, cloth, salt, methylated spirits (0.7V per cell)
- c) Salt lamp: copper, zinc, cloth, salt, LED (2.58V)

#### 3. Crystal speakers: potassium sodium tartrate tetrahydrate, copper, high voltage, natural radio

#### 4. Components

- a) Inductor: copper, magnetite
- b) Crystal oscillator: copper, quartz
- c) Capacitor: copper, mica
- d) Resistor: copper, bushfire carbonised rock

Gallery 1 & 2  
**Talia Smith**  
 You're My Number 1

Gallery 4  
**Holly Macdonald**  
 Dysfunctional

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