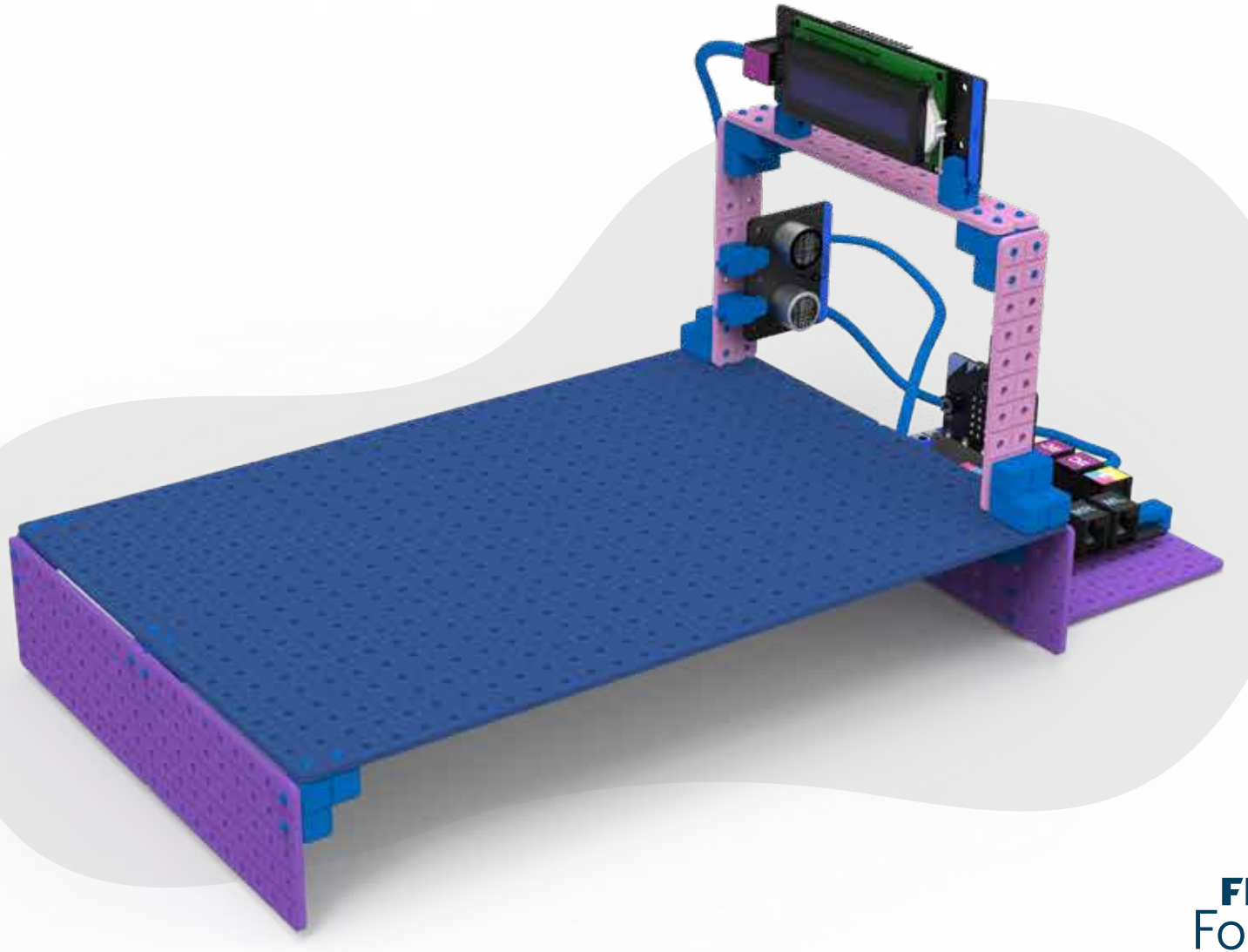
Assembly sequence:

SCORING SYSTEM



START NOW →

FIFA Foundation

→ SCORING SYSTEM

ASSEMBLY PIECES



(x1)
Controller Board



(x1)
MicroBit Board



1. Insert the micro board into the controller board.



2. Connect the USB cable from the controller board to the micro board.

ASSEMBLY PIECES



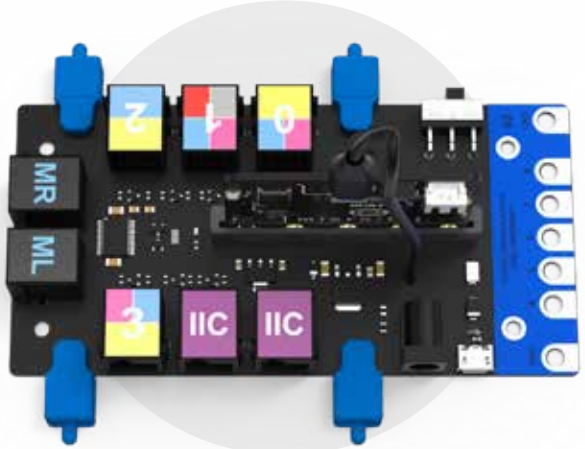
(x1)
Controller Board



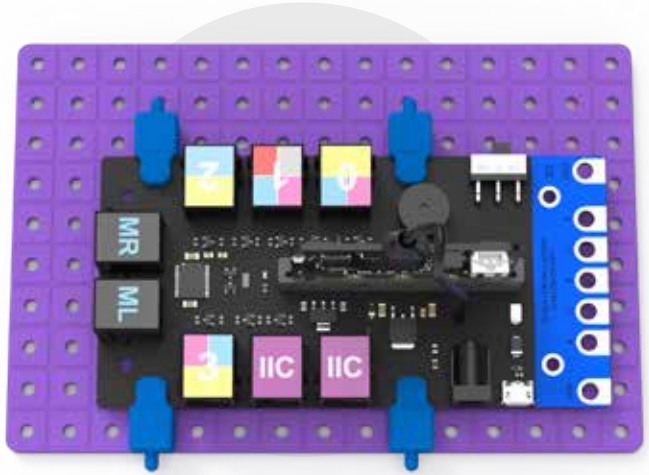
(x4)
Insert Boards



(x1)
Board No. 13

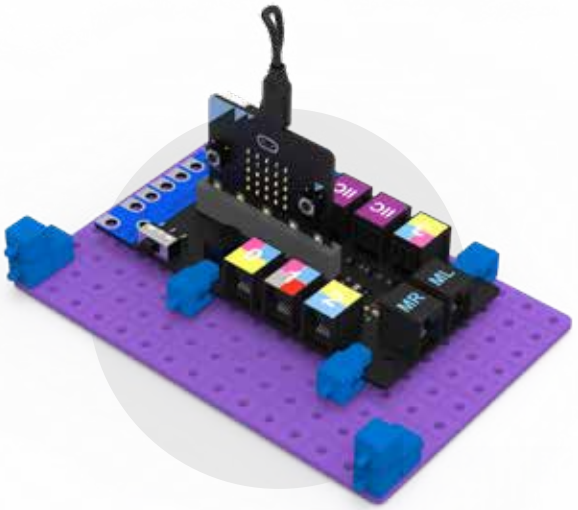


3. Insert the boardbrackets into the controller. There should be 2 on each side to ensure a secure fit.

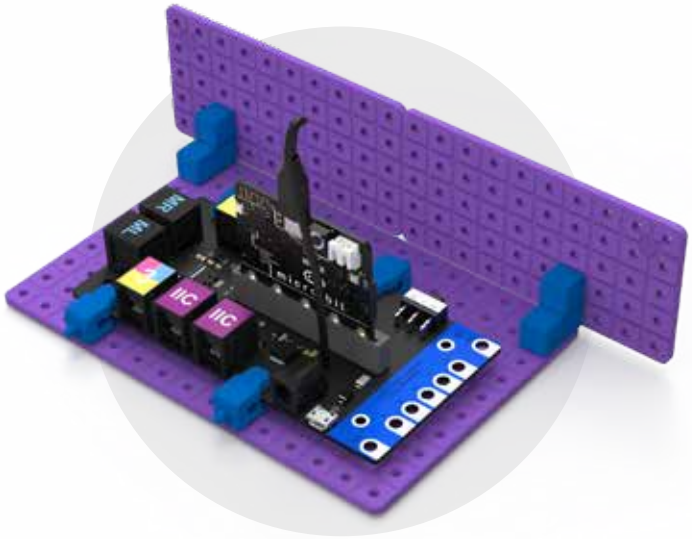


4. Attach the controller board to the P13 Board.

→ SCORING SYSTEM



5. Attach two L-shaped Brackets to two of the bottom ends of the P13 Board, oriented in the same direction.

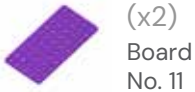


6. Add two P11 Boards to the L-shaped Brackets, extending 2 or 3 spaces outward.

ASSEMBLY PIECES



(x1) Contrller Board



(x2) Board No. 11



(x4) Insert Boards

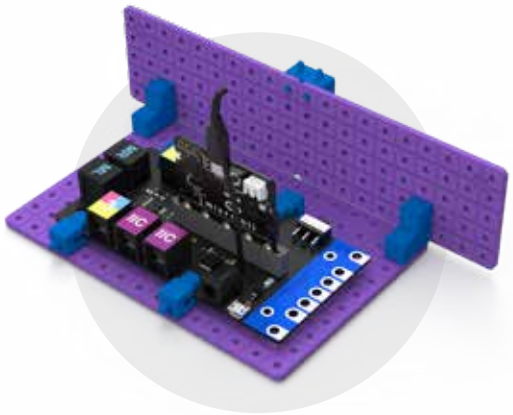


(x1) Board No. 13

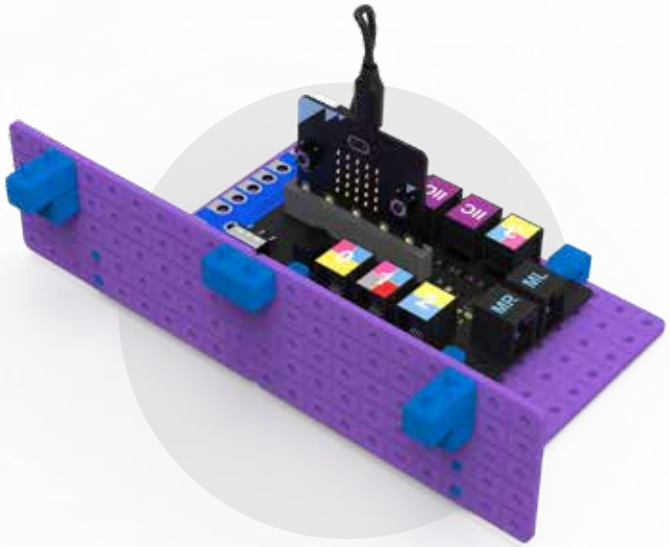


(x2) Insert at 90°L

→ SCORING SYSTEM



7. Join the two P11 Boards with an E05 90° Bracket, with the ends pointing upward.



8. Attach two L-shaped Brackets to the ends of the P11 Boards, extending 2 spaces to the tip.

ASSEMBLY PIECES



(x1) Contrller Board



(x2) Board No. 11



(x4) Insert Boards



(x1) Board No. 13



(x4) Insert at 90°L



(x1) Insert at 90°

→ SCORING SYSTEM

ASSEMBLY PIECES



(x2)
Board
No. 11



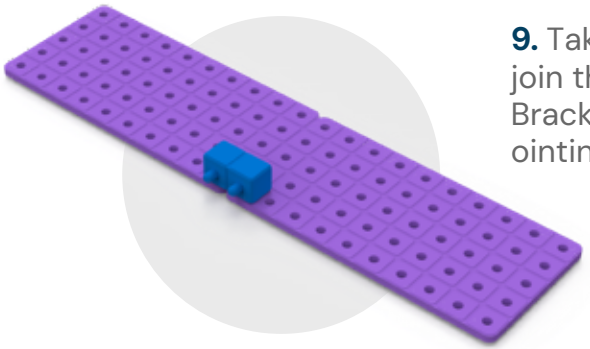
(x2)
Board
No. 14



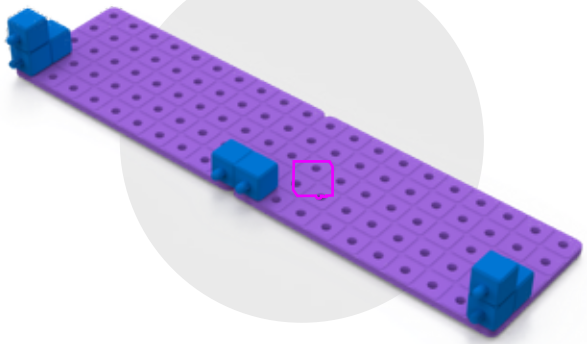
(x1)
Insert
at 90°



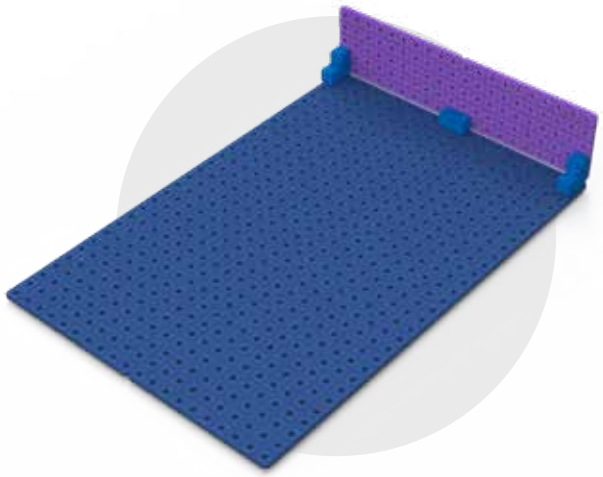
(x2)
Insert
at 90°L



9. Take two P11 Boards and join them with an E05 90° Bracket, with the ends ointingupward.



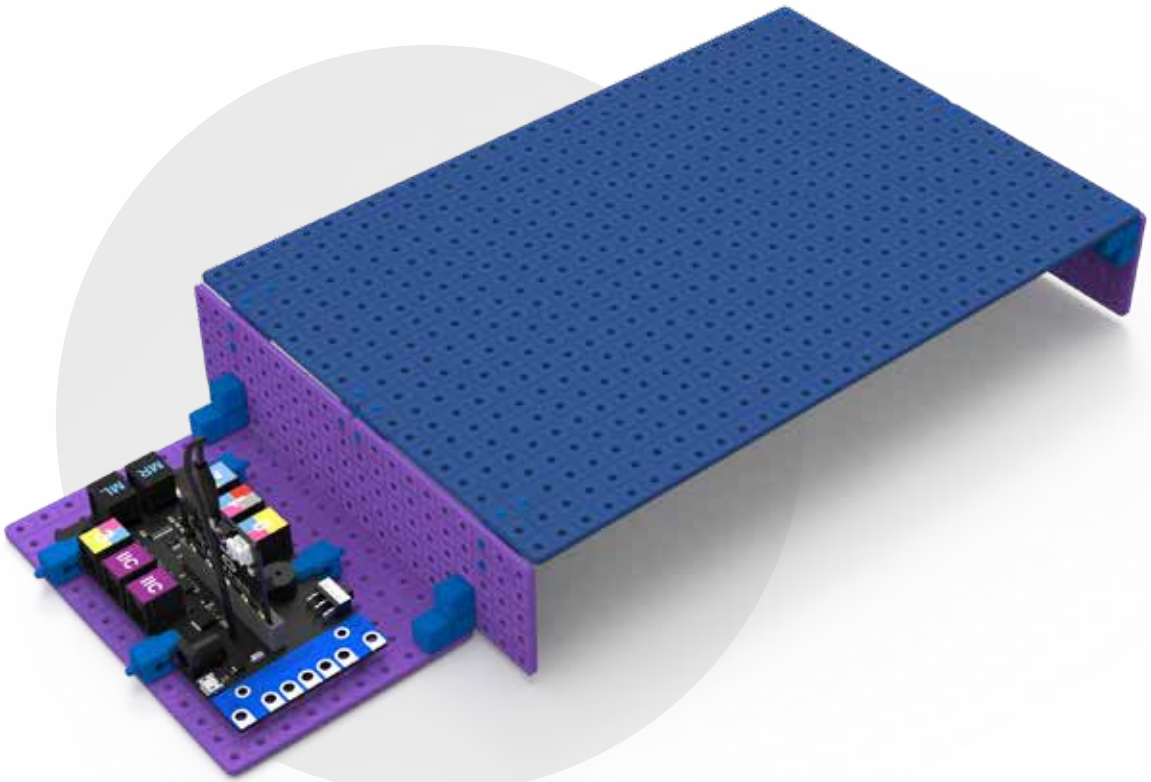
10. Add two L-shaped Brackets to the ends of the P11 Boards, oriented outward.



11. Attach the previously assembled unit to two P14 Boards.

→ SCORING SYSTEM

12. Attach the P14 Boards to the assembly on the controller board, where the L-shaped Brackets are located.



ASSEMBLY PIECES


(x1) Contrller Board


(x1) Board No. 13


(x4) Insert Boards


(x4) Board No. 11


(x6) Insert at 90°L


(x2) Insert at 90°

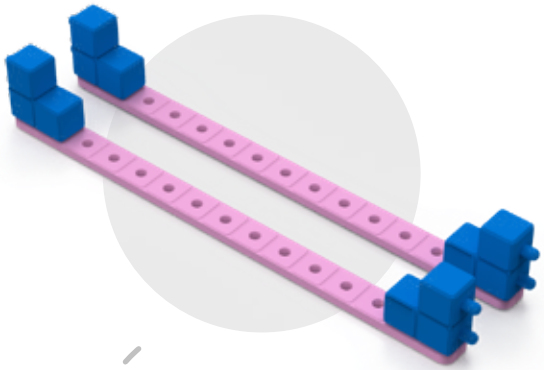
→ SCORING SYSTEM

ASSEMBLY PIECES

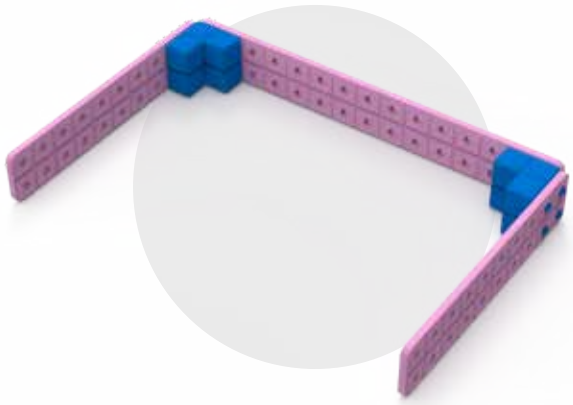
(x2)
Board
No. 8

(x8)
Insert
at 90°L

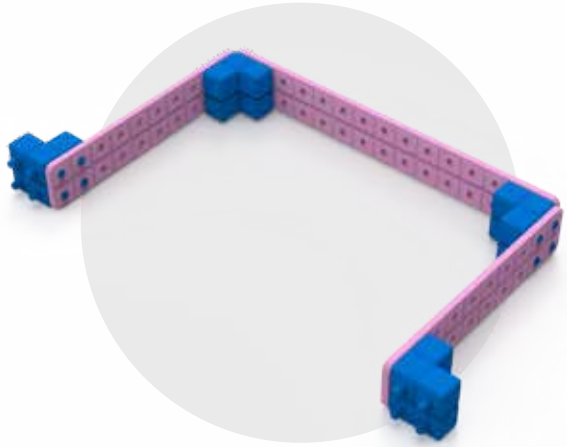
(x2)
Board
No. 9



21. Take two P08 Boards and add an L-shaped Bracket to each end, pointing towards the center of the Board.



22. Join the L-shaped Brackets with a P09 Board on each side.



23. Attach two L-shaped Brackets to the bottom ends of both P09 Boards, pointing outward.

→ SCORING SYSTEM

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Board No. 13


(x2) Board No. 8


(x6) Insert Boards

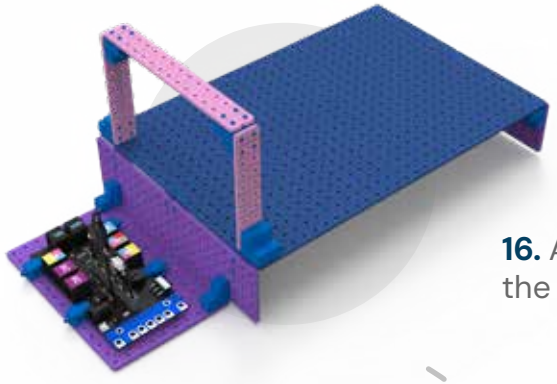

(x4) Board No. 11


(x2) Board No. 9


(x14) Insert at 90°L


(x2) Insert at 90°

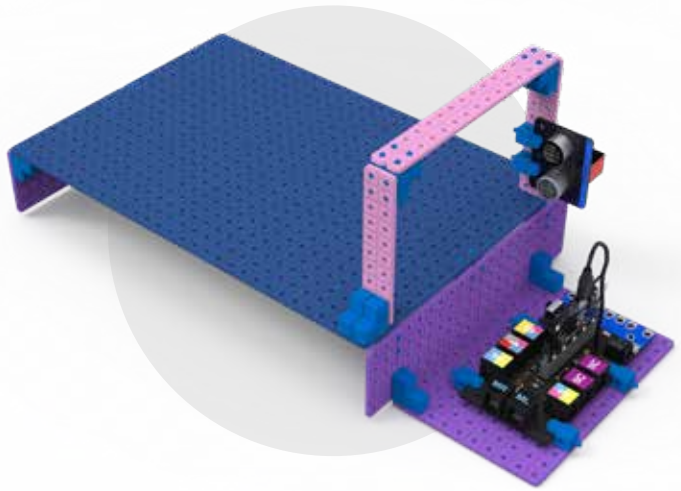

(x1) Ultrasonic Sensor



16. Attach the assembly to the edge of the P14 Boards.



17. Attach the Board Brackets to the ultrasonic sensor module, two on the same side.



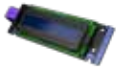
18. Attach the ultrasonic sensor module to the “soccer goal” assembly so that the sensors point to one of the P09 Boards and are positioned behind.

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Board No. 13


(x2) Board No. 8


(x1) LCD Display


(x8) Insert Boards


(x4) Board No. 11


(x2) Board No. 9


(x14) Insert at 90°L


(x2) Insert at 90°

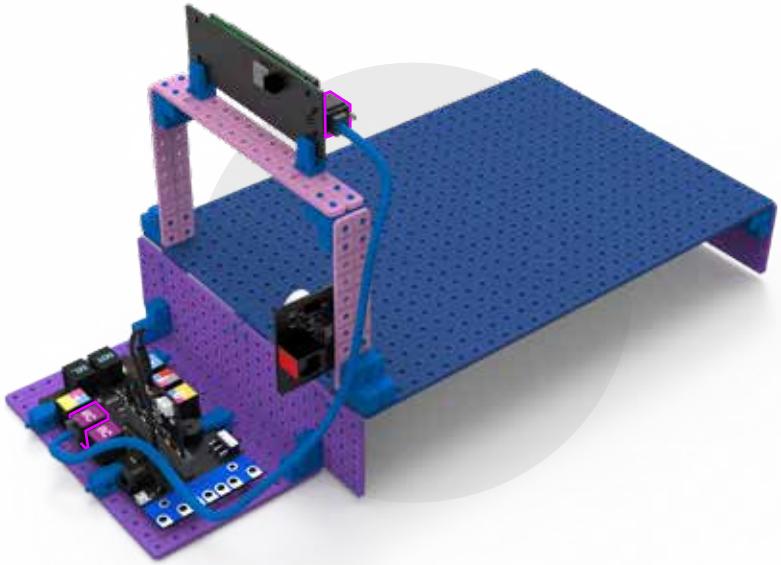

(x1) Ultrasonic Sensor



19. Attach the Board Brackets to the LCD display module, two on the same side.



20. Assemble the LCD display module onto the “soccer goal”structure.



21. Connect the LCD screen module to the IIC port via cable.

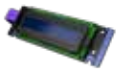
→ SCORING SYSTEM

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Board No. 13


(x2) Board No. 8


(x1) LCD Display


(x8) Insert Boards

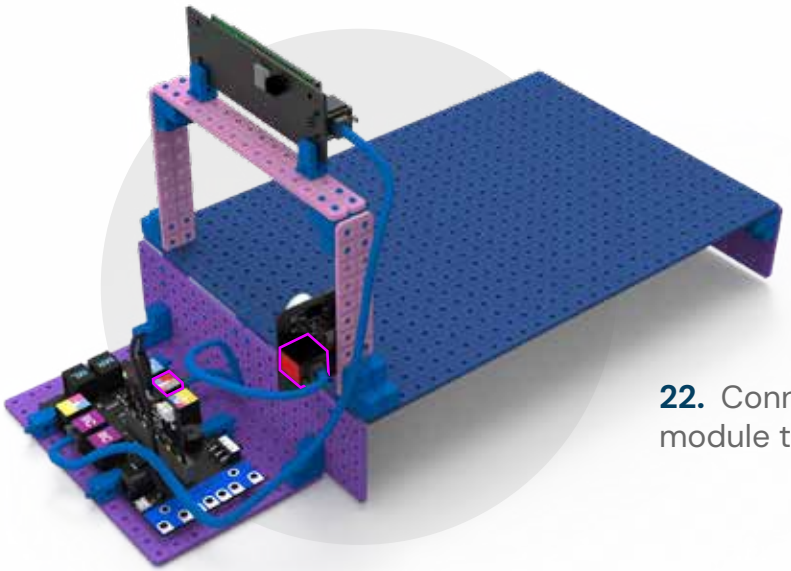

(x4) Board No. 11


(x2) Board No. 9

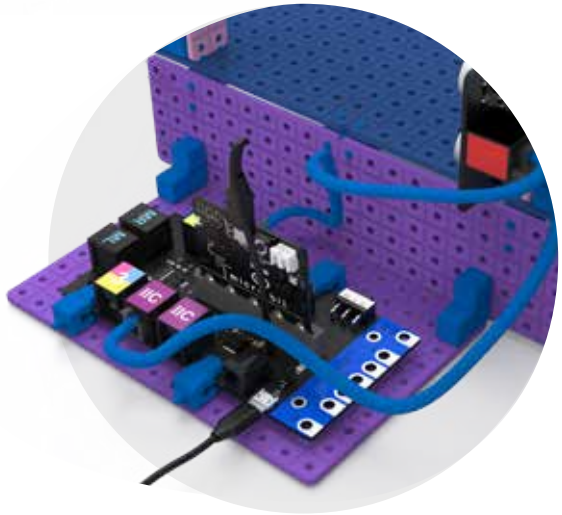

(x14) Insert at 90°L


(x2) Insert at 90°


(x1) Ultrasonic Sensor



22. Connect the ultrasonic sensor module to port 1 via cable.



23. Connect the USB-C cable to the controller board.

¡AND IT'S READY TO BE PROGRAMMED!

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